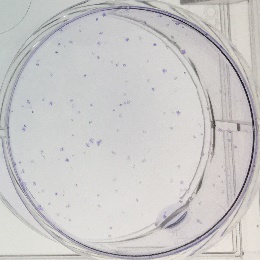
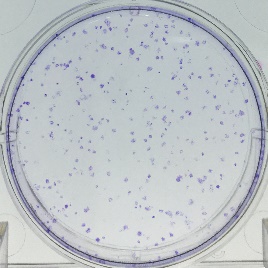
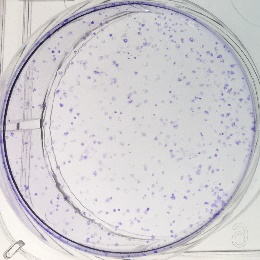
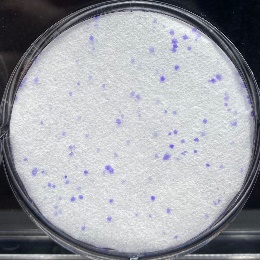
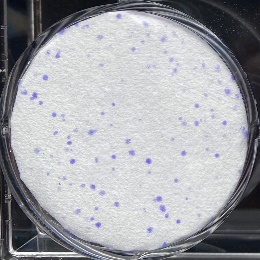
**Raw Data**

**Figure 1**

**（C）Colony Formation Assay**

**DU145** 

**PC3** 

**（D）Western Blotting**

**DU145**

Ki67 

GAPDH 

**PC3**

Ki67 

GAPDH 

**(E) Immunofluorescence Analysis**

**DU145 (Ki67)**

Control  

Sophocarpine  

**PC3 (Ki67)**

Control  

Sophocarpine  

**Figure 2**

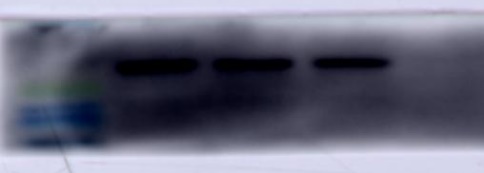
**(A) Flow Cytometry Analysis**

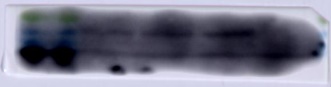
**DU145** 

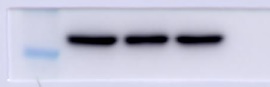
**PC3 **

**（B）Western Blotting**

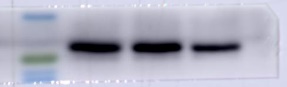
**DU145**

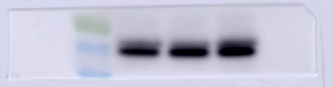
Bcl-2 

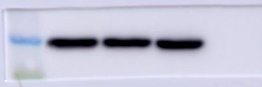
Bax 

GAPDH 

**PC3**

Bcl-2 

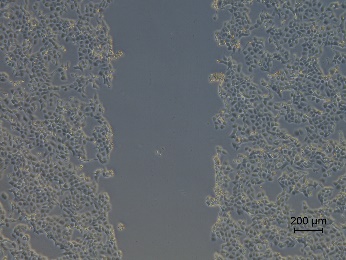
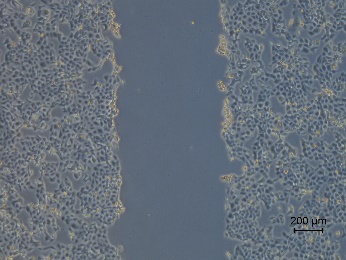
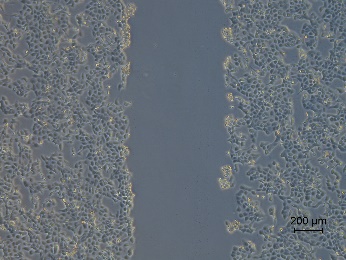
Bax 

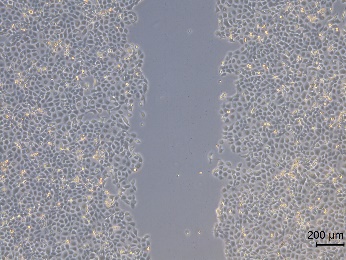
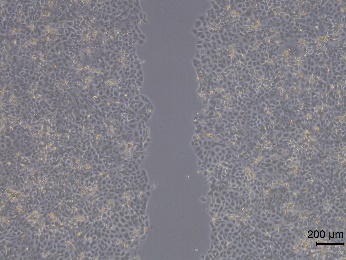
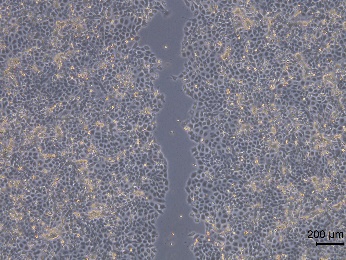
GAPDH 

**Figure 3**

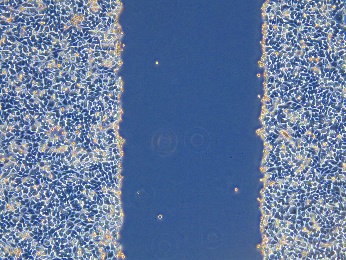
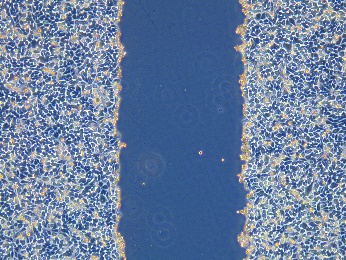
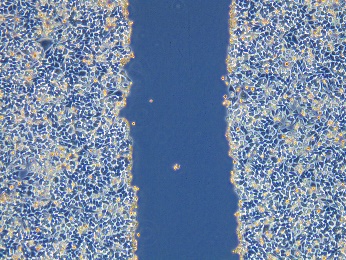
**（A）Wound Healing Assay**

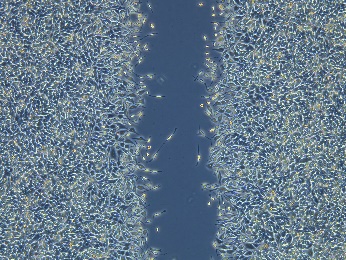
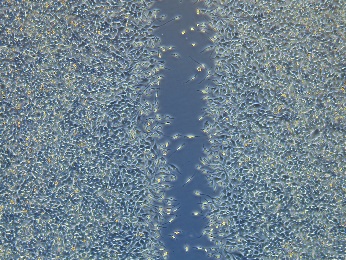
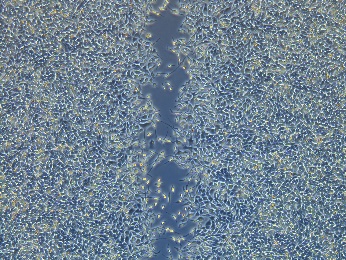
**DU145**

0 h 

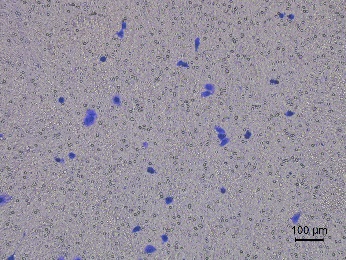
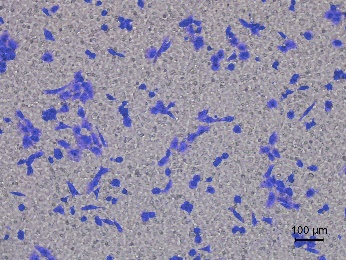
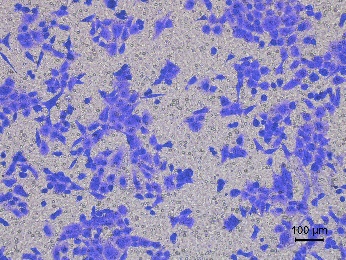
48h 

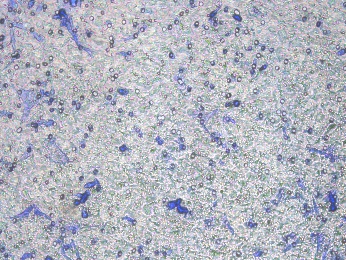
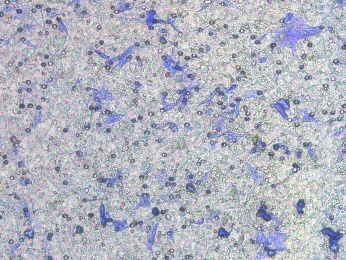
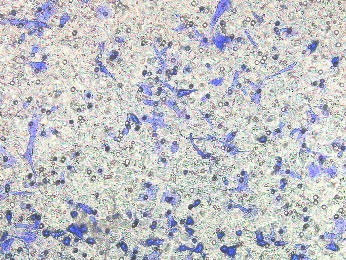
**PC3**

0 h 

48h 

**（B）Transwell Invasion Assay**

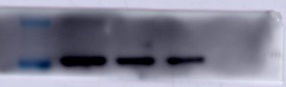
**DU145 **

**PC3 **

**Figure 4**

**（A）Western Blotting**

**DU145**

α-SMA 

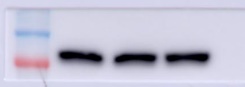
N-cadherin 

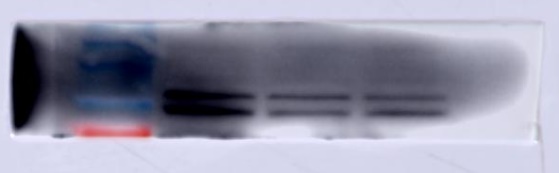
Collagen I 

GAPDH 

**PC3**

α-SMA 

N-cadherin 

Collagen I 

GAPDH 

**(B) Immunofluorescence Analysis**

**DU145 (N-cadherin)**

Control  

Sophocarpine  

**PC3 (N-cadherin)**

Control  

Sophocarpine  

**DU145 (Collagen I)**

Control  

Sophocarpine  

**PC3 (Collagen I)**

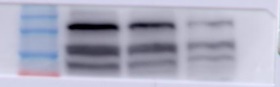
Control  

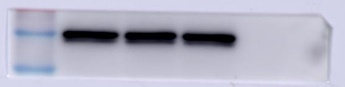
Sophocarpine  

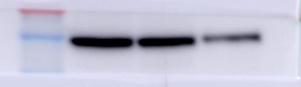
**Figure 5**

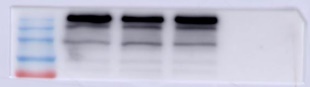
**（A）Western Blotting**

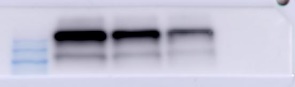
**DU145**

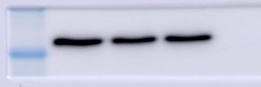
PI3K 

AKT 

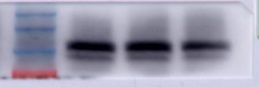
p-AKT 

mTOR 

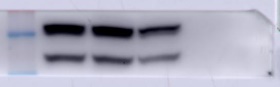
p-mTOR 

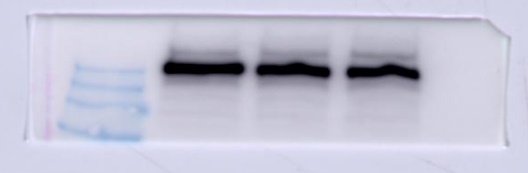
GAPDH 

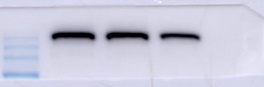
**PC3**

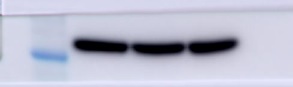
PI3K 

AKT 

p-AKT 

mTOR 

p-mTOR 

GAPDH 

**(B) Immunofluorescence Analysis**

**DU145 (p-mTOR)**

Control  

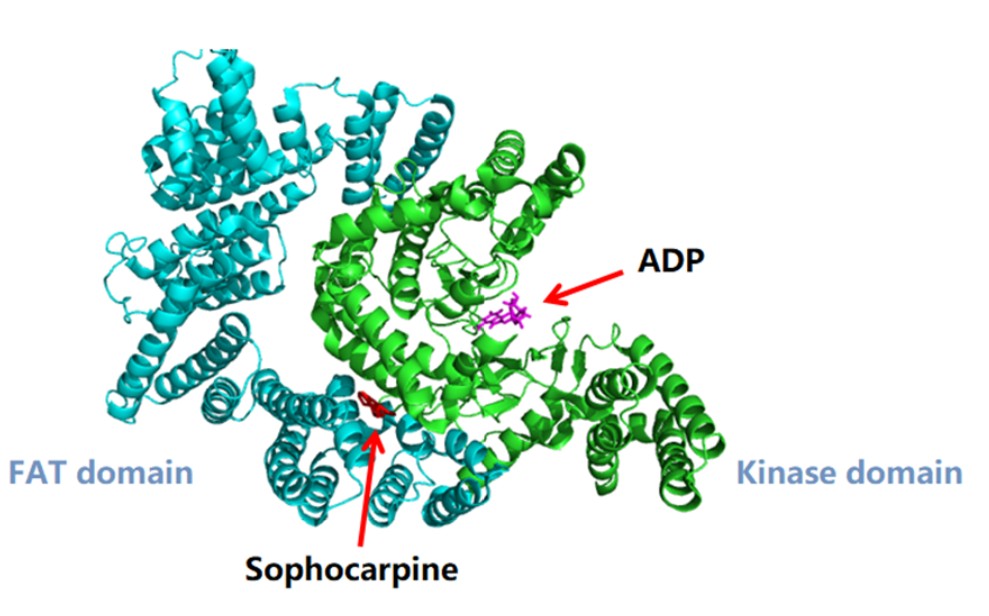
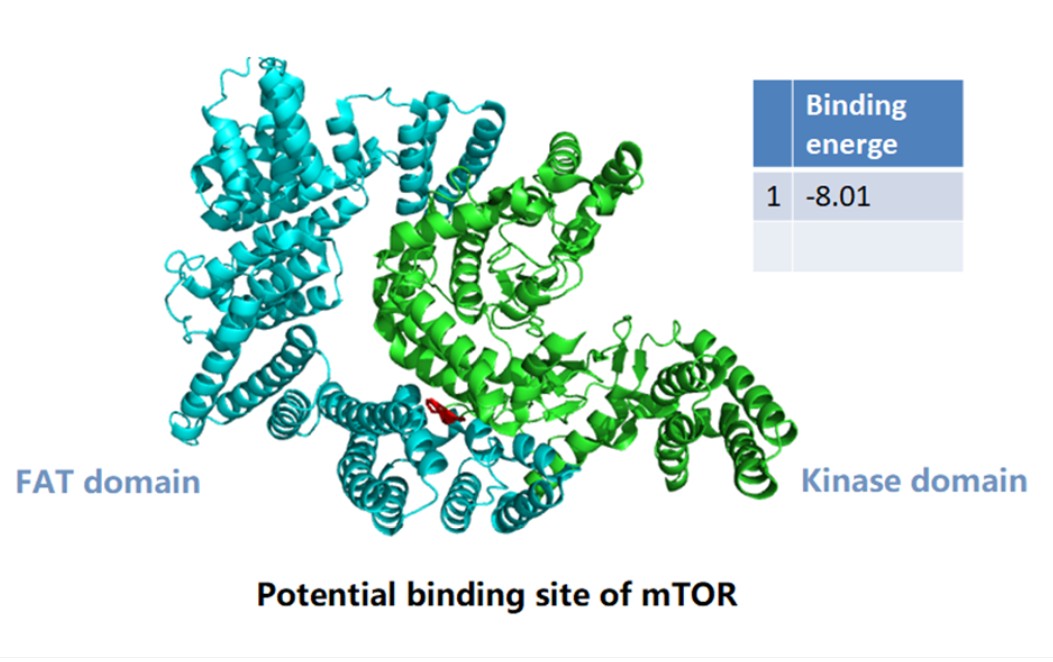
Sophocarpine  

**PC3 (p-mTOR)**

Control  

Sophocarpine  

**(C) Molecular docking**

****

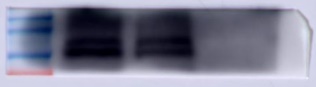
**Figure 6**

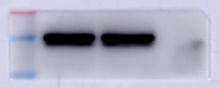
**(A) Appearance of tumor**

****

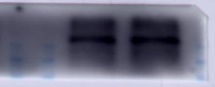
**(D) Western Blotting**

**Tumor**

PI3K 

AKT 

p-AKT 

mTOR 

p-mTOR 

GAPDH 