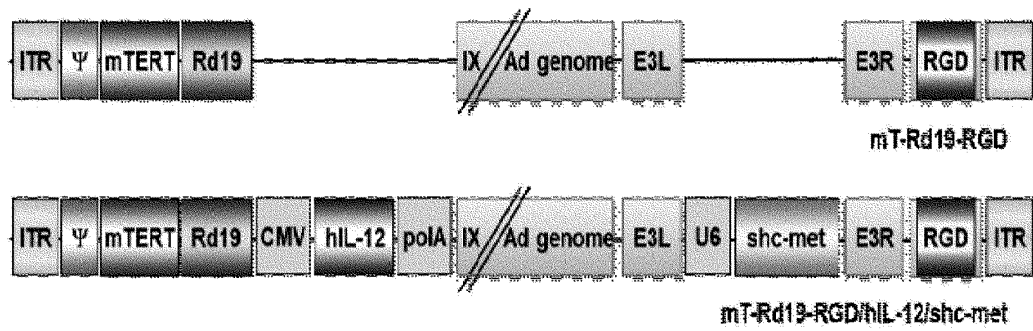
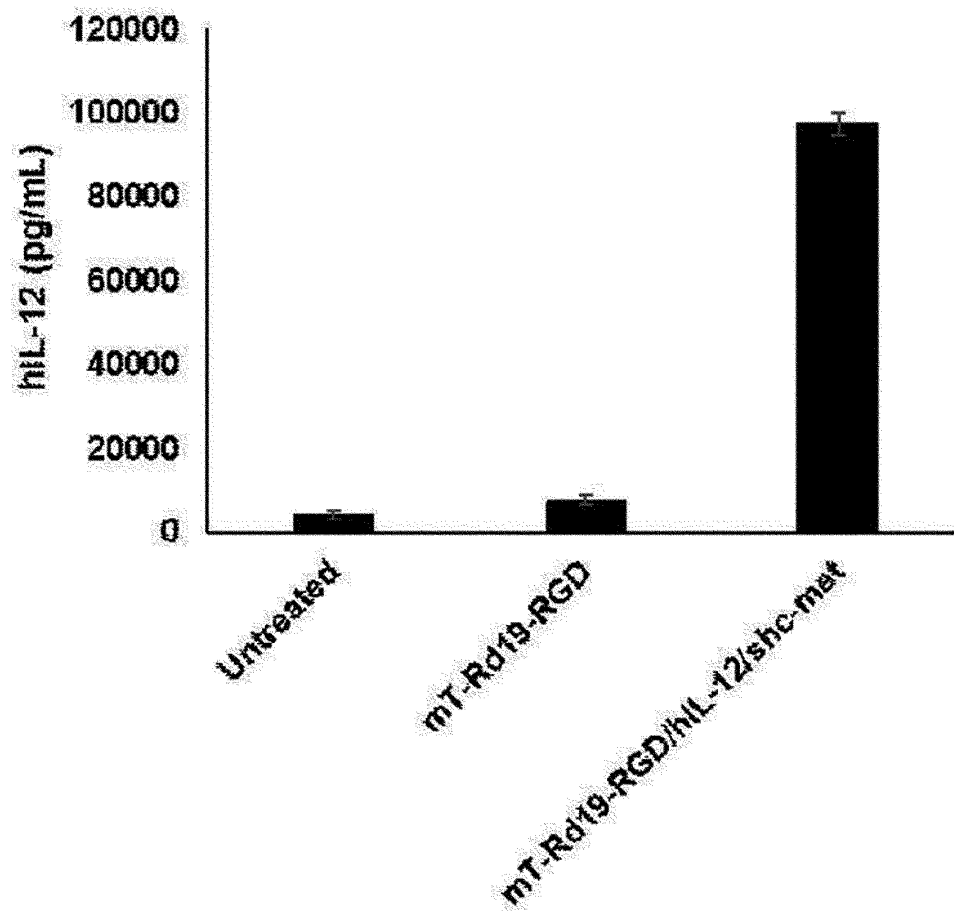


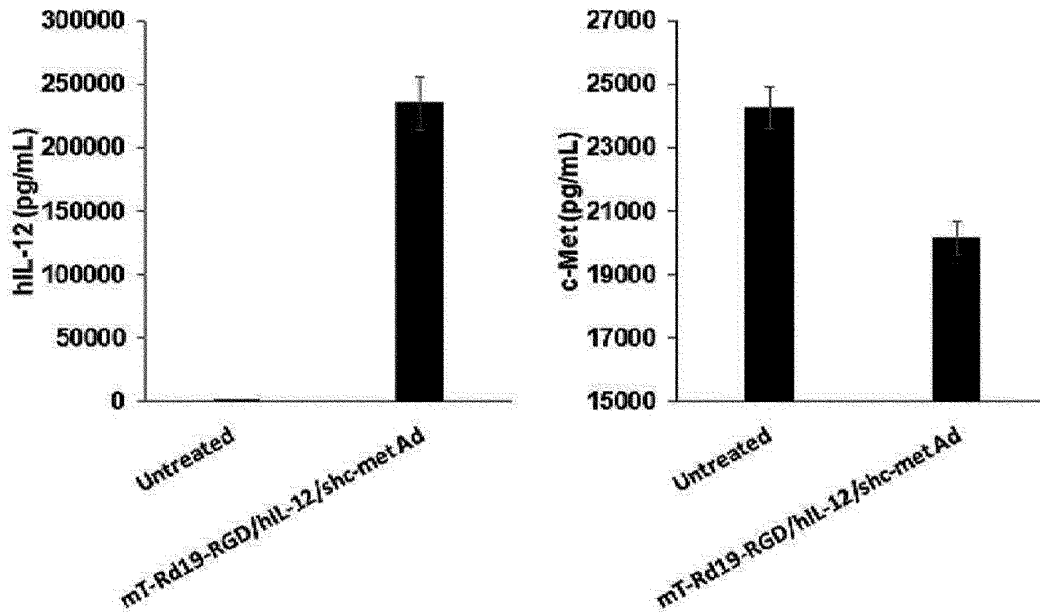
[E1]



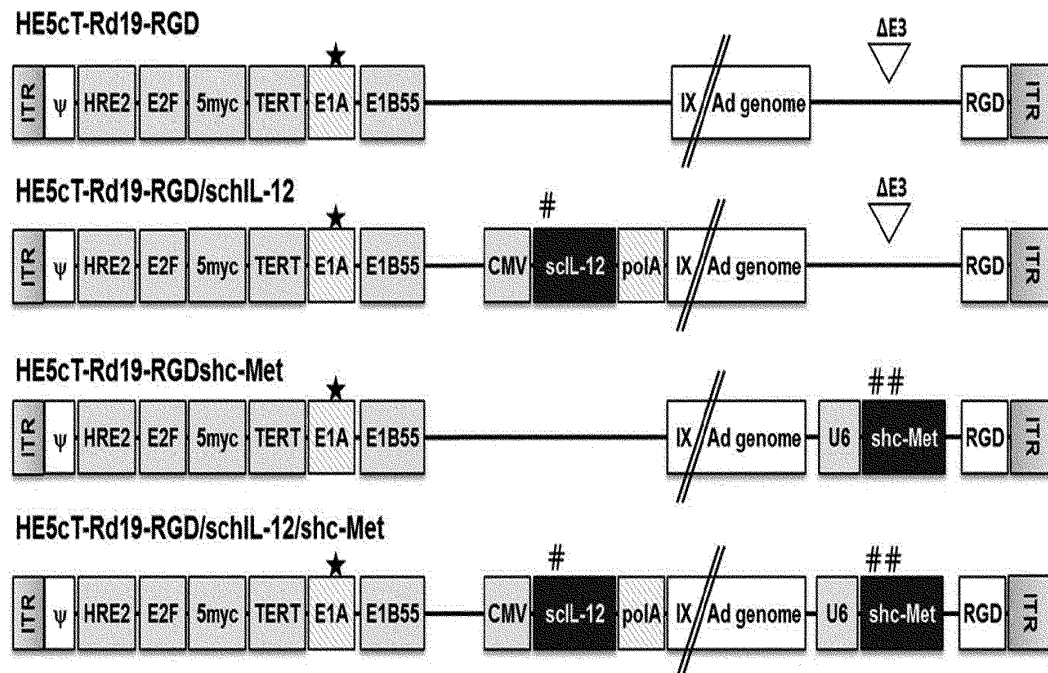
[E2]



[도3]



[도4]

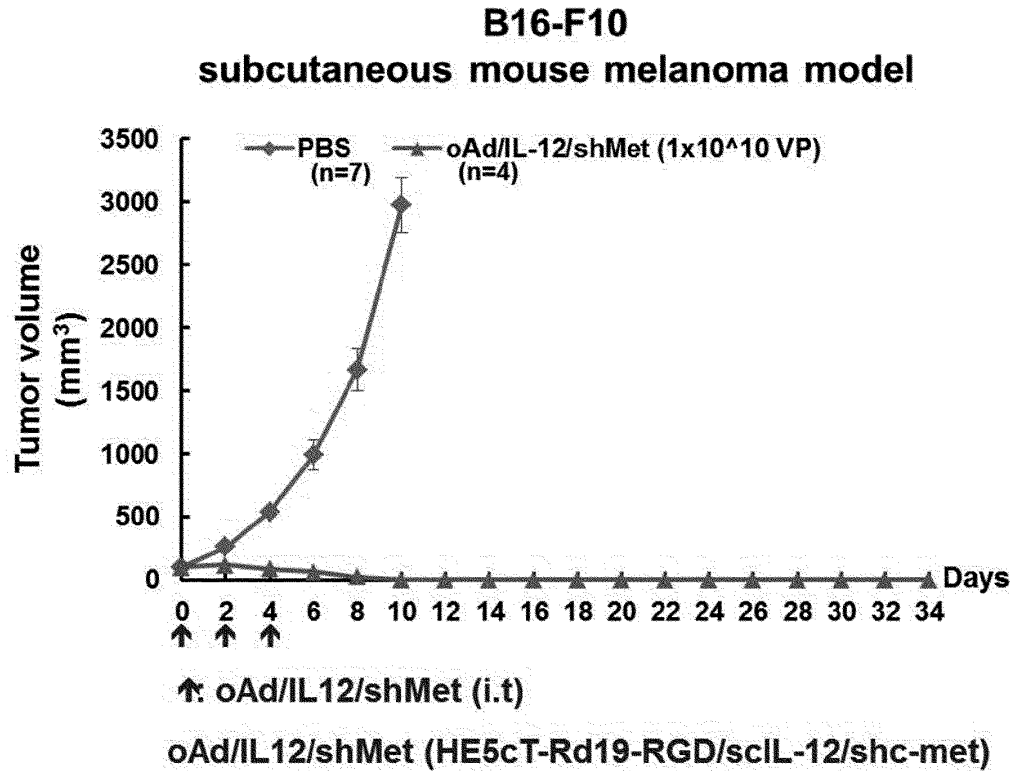


'HscIL-12'는 인간 유래 IL-12를 발현하는 유전자

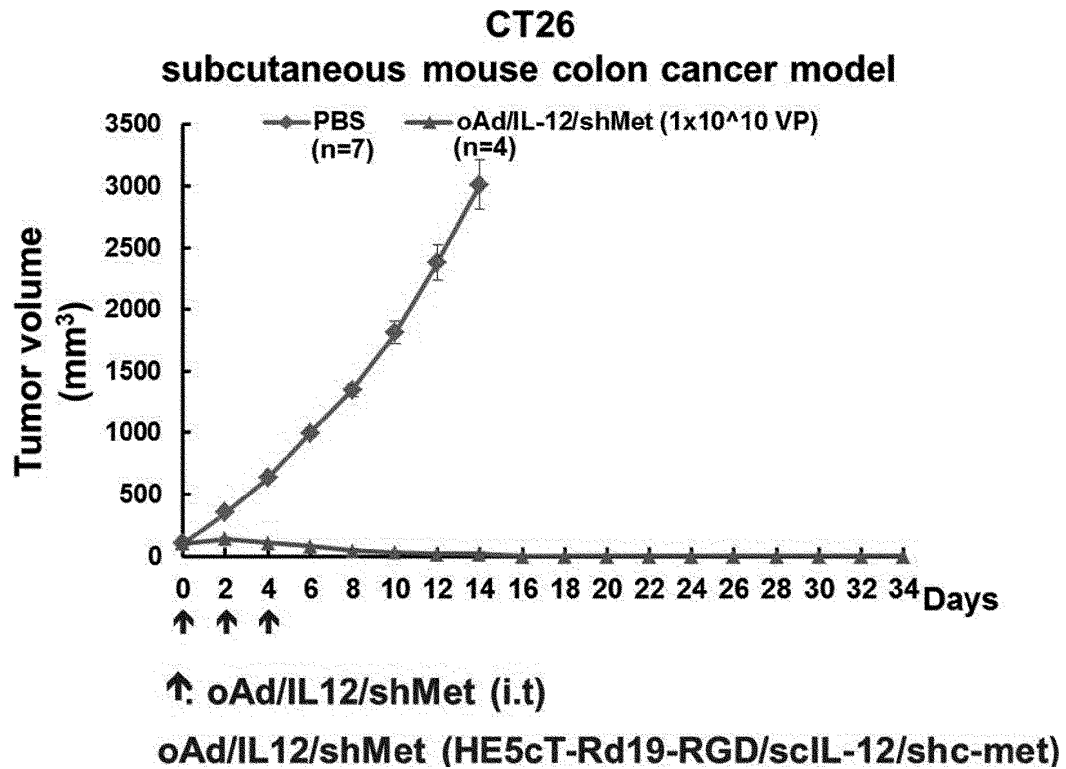
'Hshc-Met'는 인간 유래 c-Met을 표적화하는 shRNA를 발현하는 유전자

★ E1A 유전자 서열에 위치한 Rb 결합 부위를 코딩하는 뉴클레오타이드 서열 중에서 45번째 Glu 잔기가 Gly으로 치환된 변이 및 121-127번째 아미노산 서열이 전체적으로 Gly으로 치환된 변이를 가짐

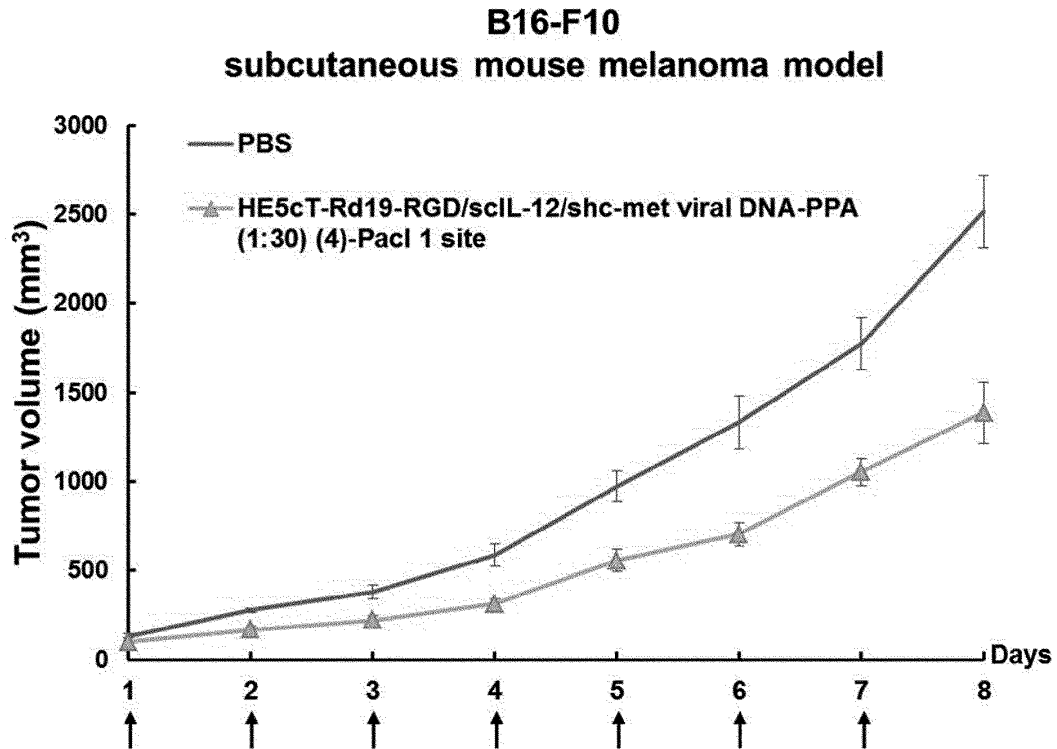
[5a]



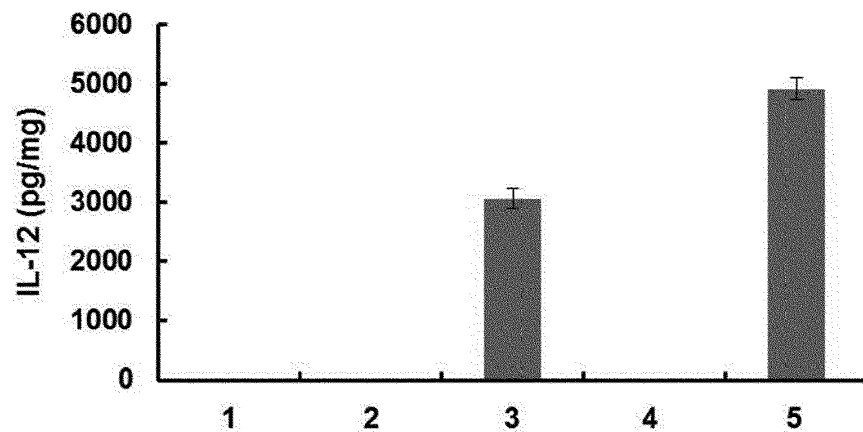
[5b]



[도6]



[도7a]

H1975 (5MOI)

1. Untreated

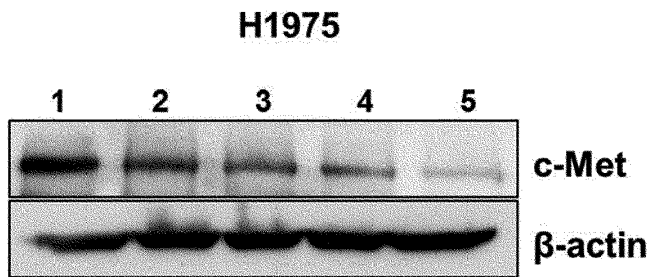
2. HE5cT-Rd19-RGD

3. HE5cT-Rd19-RGD/HscIL-12

4. HE5cT-Rd19-RGD/Hshc-met

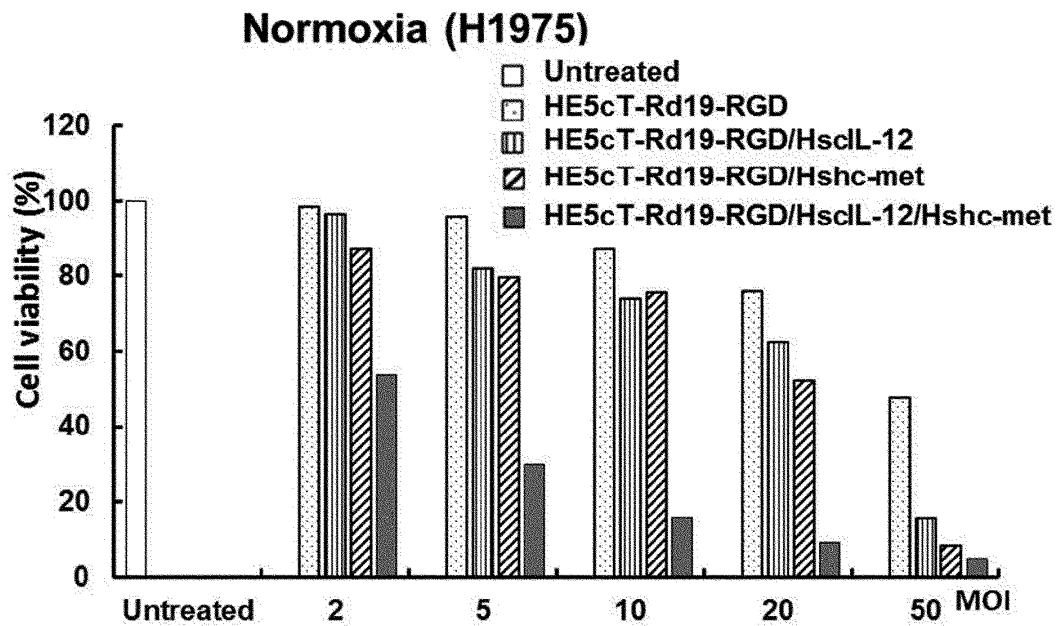
5. HE5cT-Rd19-RGD/HscIL-12/Hshc-met

[도7b]

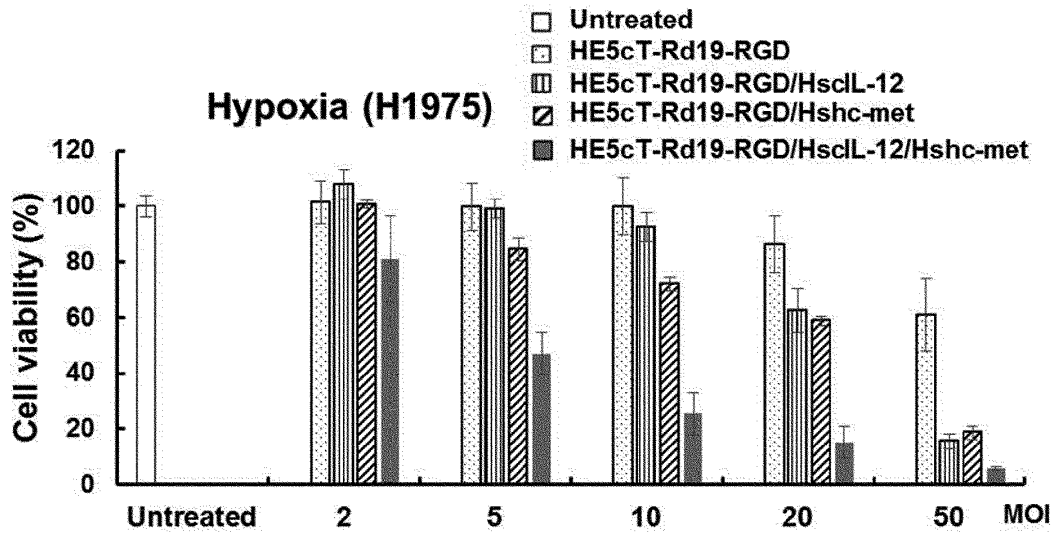


1. Untreated
2. HE5cT-Rd19-RGD
3. HE5cT-Rd19-RGD/HscL-12
4. HE5cT-Rd19-RGD/Hshc-met
5. HE5cT-Rd19-RGD/HscL-12/Hshc-met

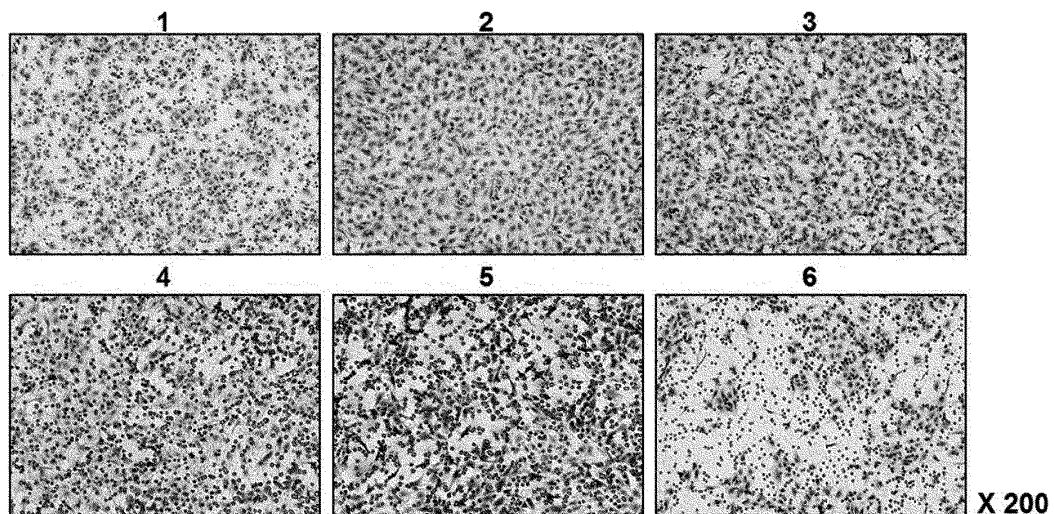
[도8a]



[8b]

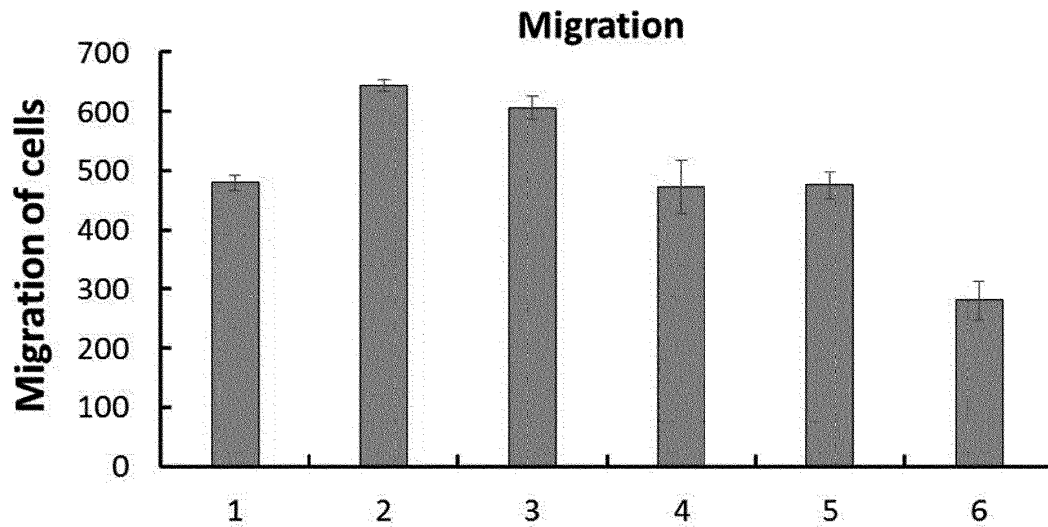


[9a]



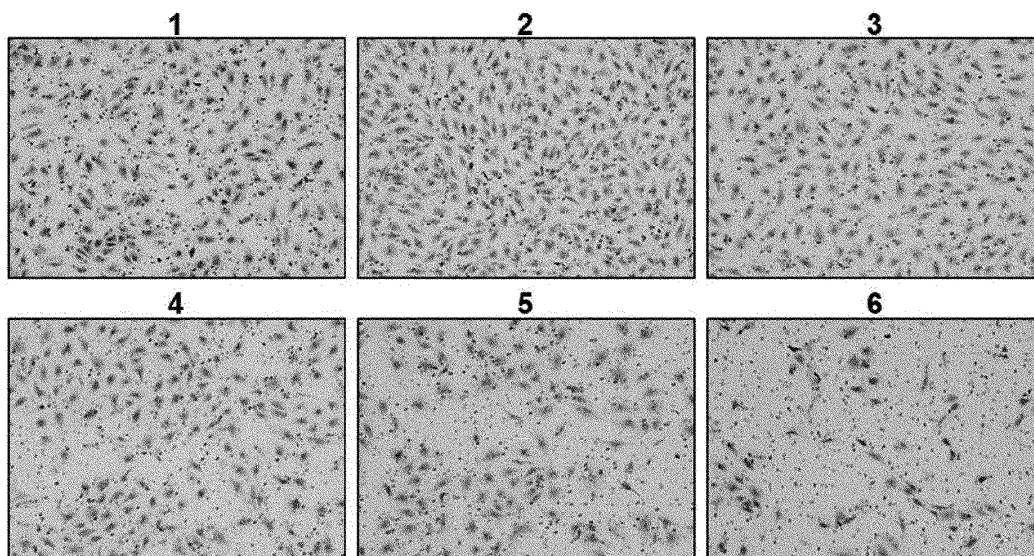
1. 5% FBS RPMI (fresh media)
2. H1975-culture media (H1975-CM)
3. HE5cT-Rd19-RGD infection H1975-CM
4. HE5cT-Rd19-RGD/HscL-12 infection H1975-CM
5. HE5cT-Rd19-RGD/Hshc-Met infection H1975-CM
6. HE5cT-Rd19-RGD/HscL-12/Hshc-Met infection H1975-CM

[도9b]



1. 5% FBS RPMI (fresh media)
2. H1975-culture media (H1975-CM)
3. HE5cT-Rd19-RGD infection H1975-CM
4. HE5cT-Rd19-RGD/HscIL-12 infection H1975-CM
5. HE5cT-Rd19-RGD/Hshc-Met infection H1975-CM
6. HE5cT-Rd19-RGD/HscIL-12/Hshc-Met infection H1975-CM

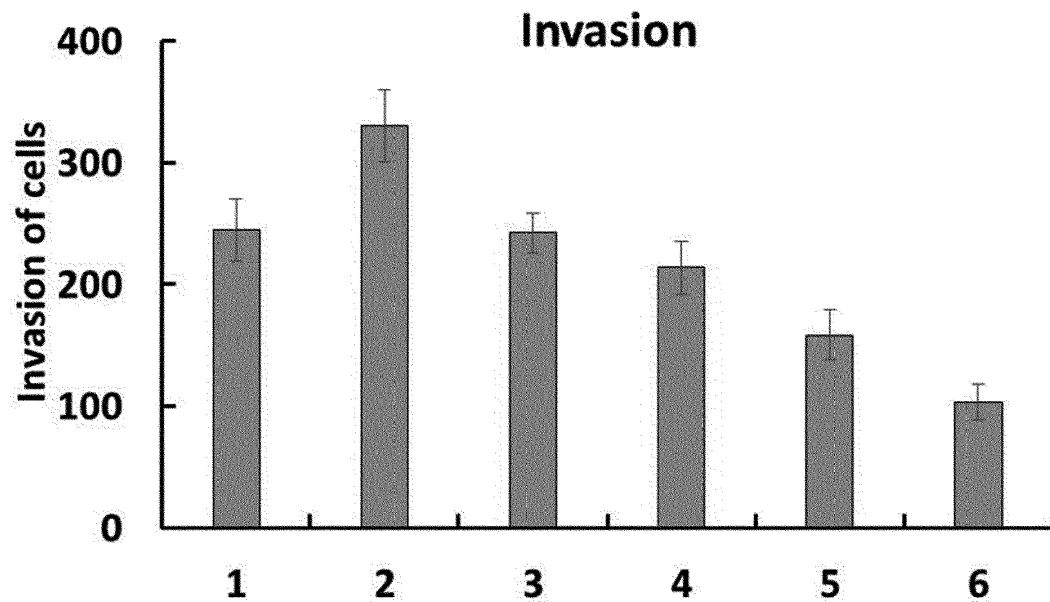
[도9c]



1. 5% FBS RPMI (fresh media)
2. H1975-culture media (H1975-CM)
3. HE5cT-Rd19-RGD infection H1975-CM
4. HE5cT-Rd19-RGD/HscIL-12 infection H1975-CM
5. HE5cT-Rd19-RGD/Hshc-Met infection H1975-CM
6. HE5cT-Rd19-RGD/HscIL-12/Hshc-Met infection H1975-CM

X 200

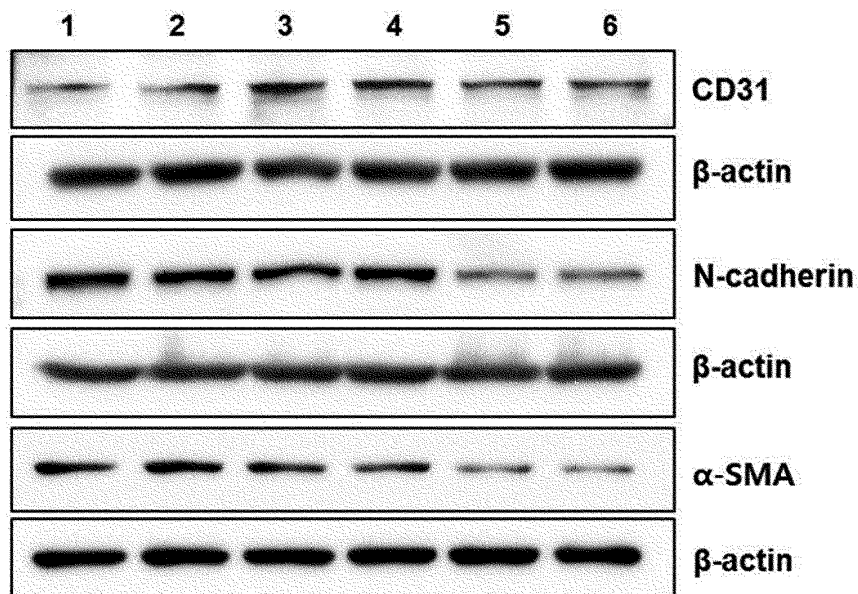
[59d]



1. 5% FBS RPMI (fresh media)
2. H1975-culture media (H1975-CM)
3. HE5cT-Rd19-RGD infection H1975-CM
4. HE5cT-Rd19-RGD/HscIL-12 infection H1975-CM
5. HE5cT-Rd19-RGD/Hshc-Met infection H1975-CM
6. HE5cT-Rd19-RGD/HscIL-12/Hshc-Met infection H1975-CM

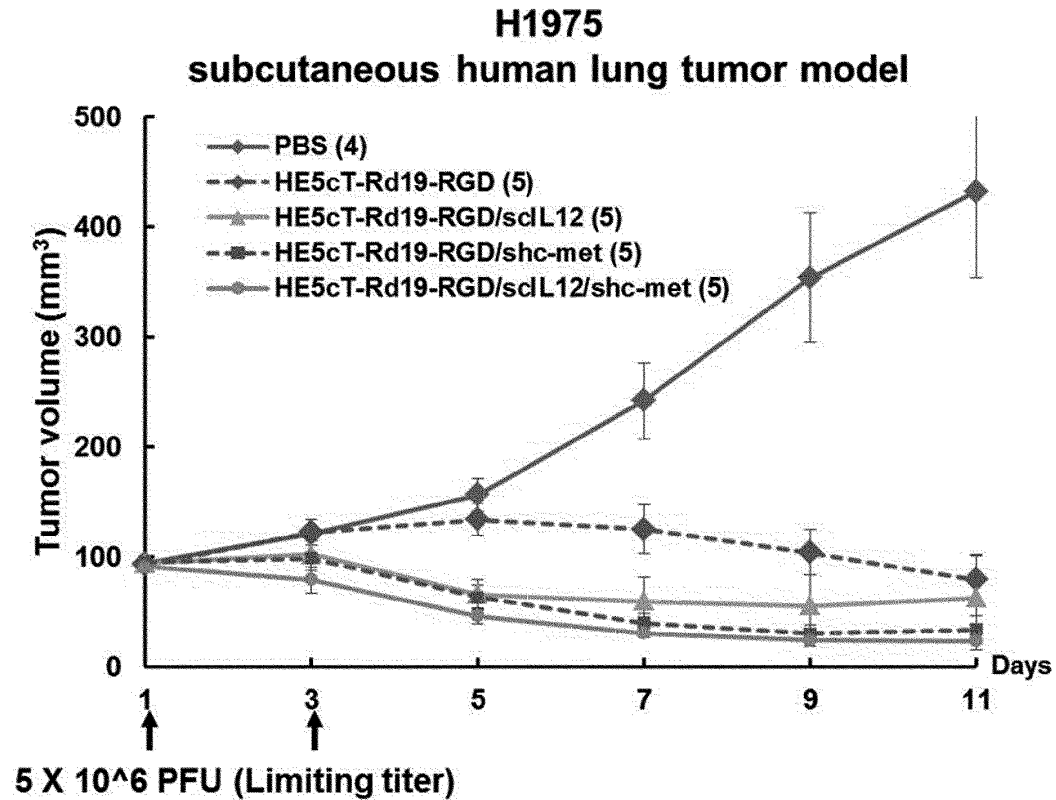
[도 10]

Endothelial marker: CD31
Mesenchymal marker: α -SMA, N-cadherin

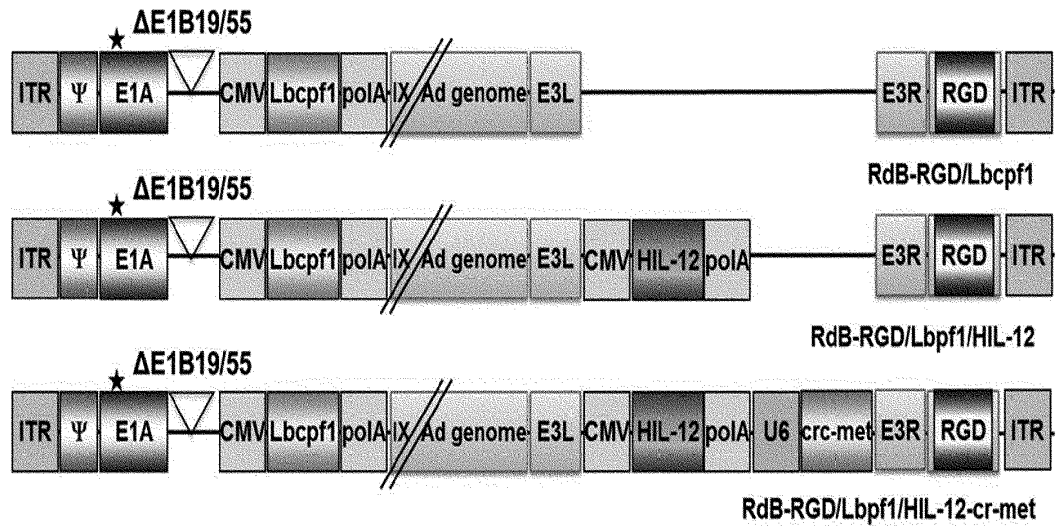


1. 5% FBS RPMI
2. H1975-culture media (H1975-CM)
3. HE5cT-Rd19-RGD infection H1975-CM
4. HE5cT-Rd19-RGD/HscL-12 infection H1975-CM
5. HE5cT-Rd19-RGD/Hshc-Met infection H1975-CM
6. HE5cT-Rd19-RGD/HscL-12/Hshc-Met infection H1975-CM

[도11]

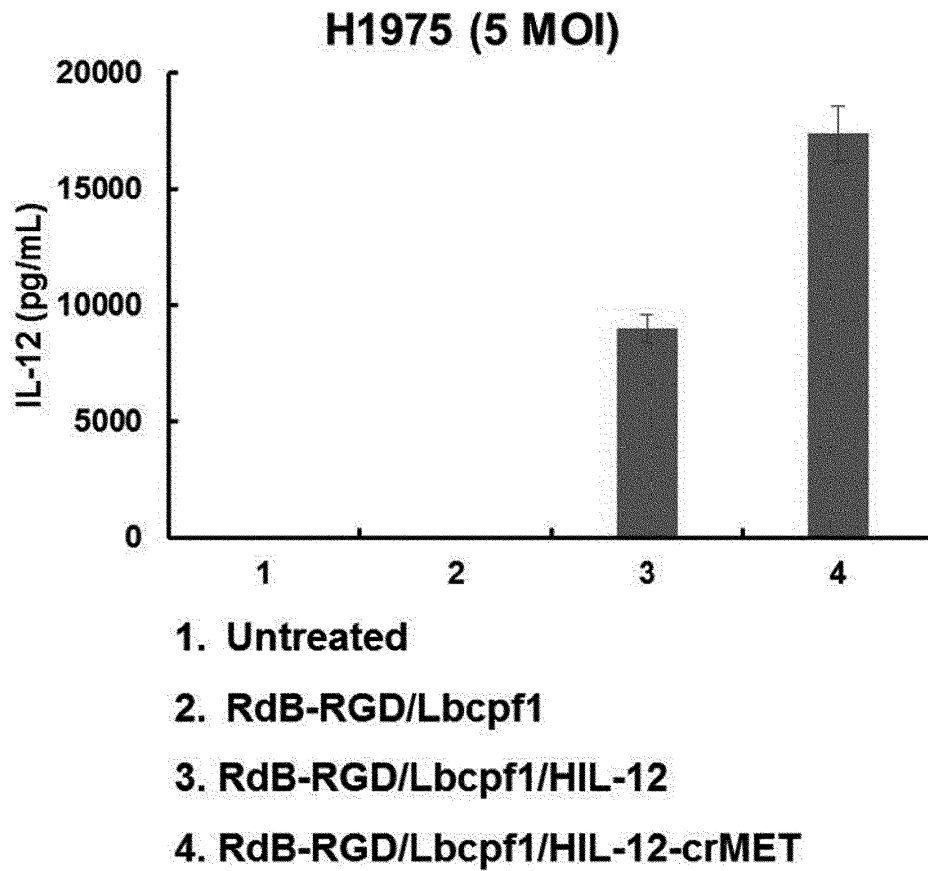


[도12]

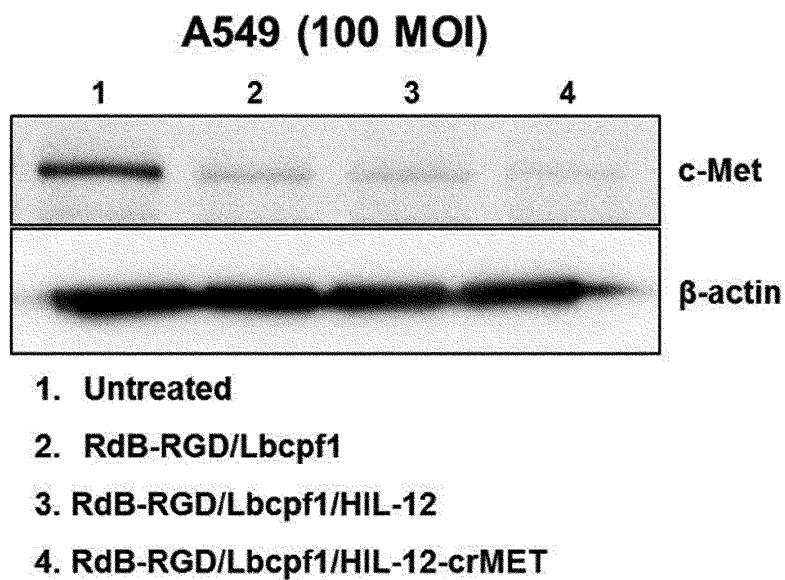


★ E1A 유전자 서열에 위치한 Rb 결합 부위를 코딩하는 뉴클레오타이드 서열 중에서 45번째 Glu 잔기가 Gly으로 치환된 변이 및 121-127번째 아미노산 서열이 전체적으로 Gly으로 치환된 변이를 가짐

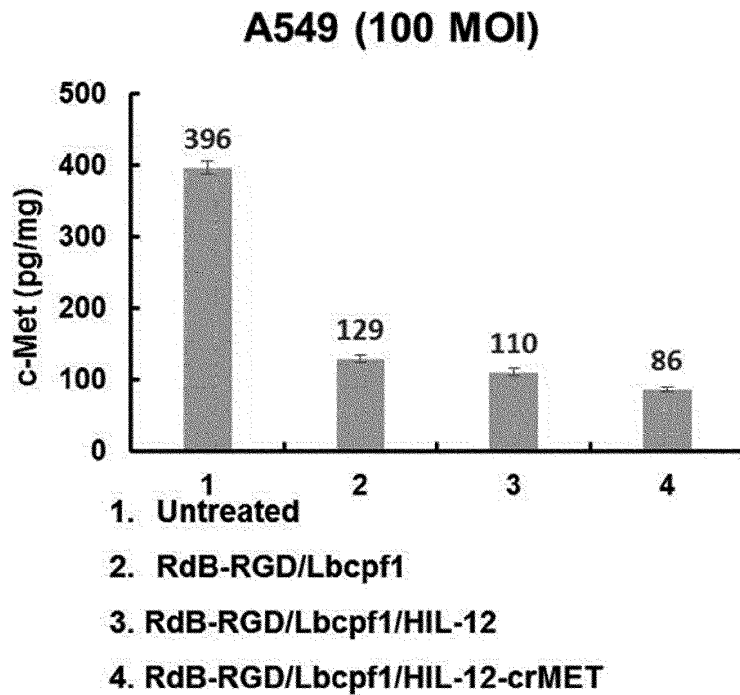
[Figure 13a]



[Figure 13b]



[Figure 13c]



[Figure 14]

