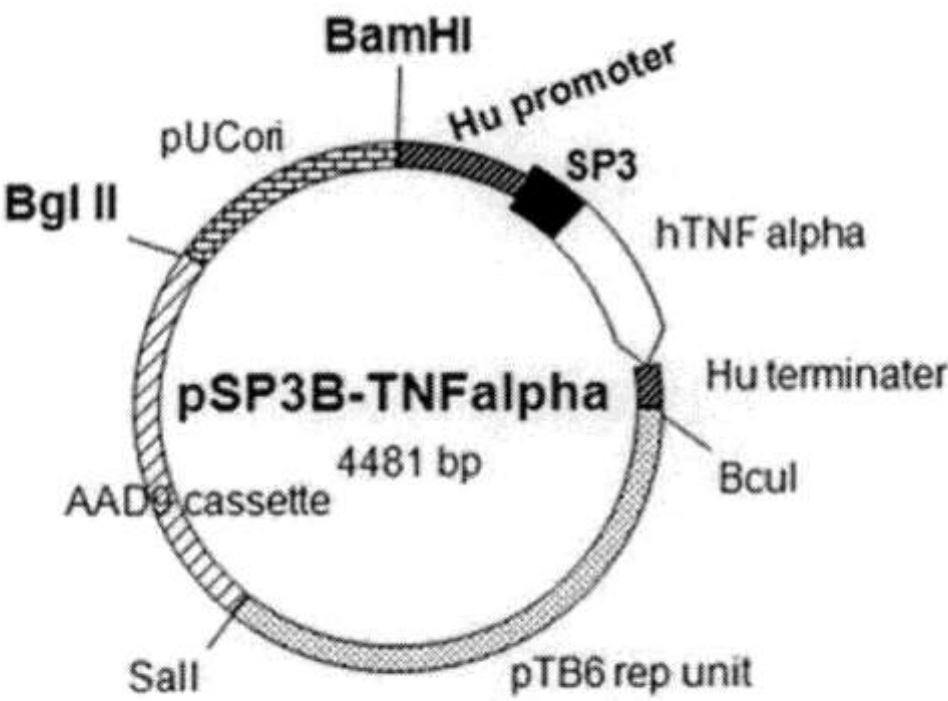
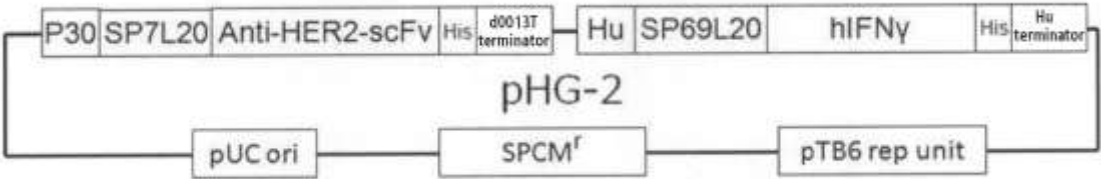


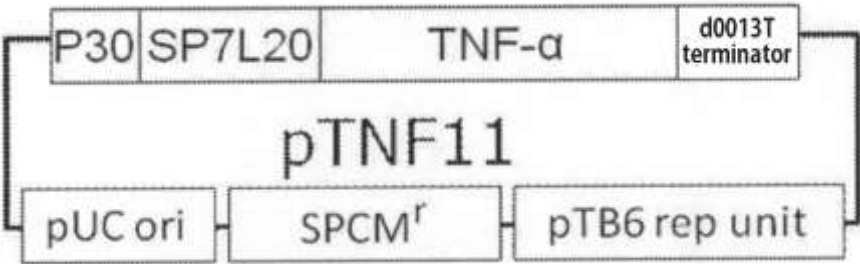
[Figure 1]



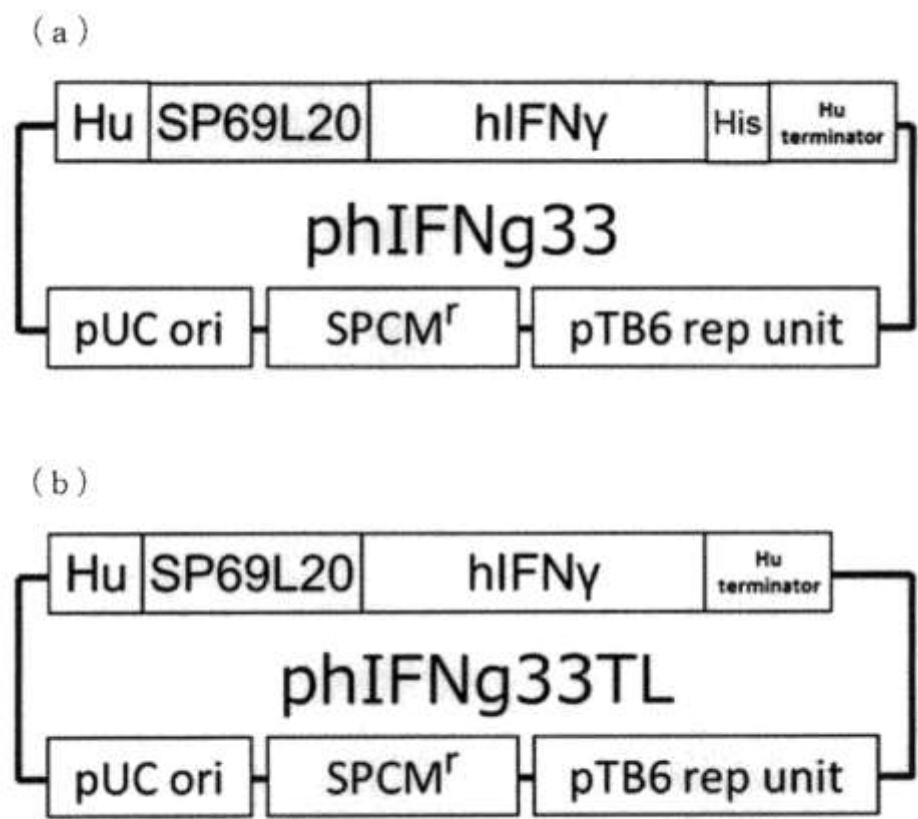
[Figure 2]



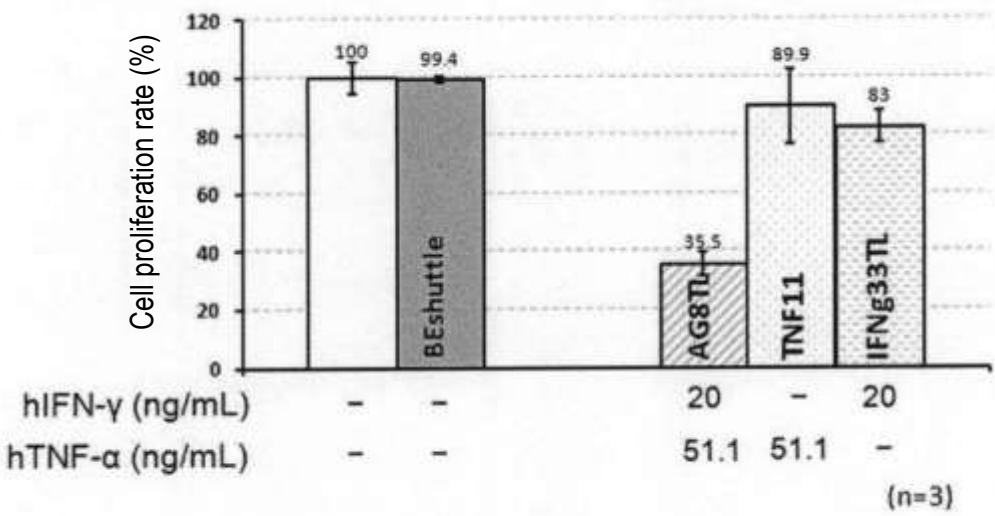
[Figure 3]



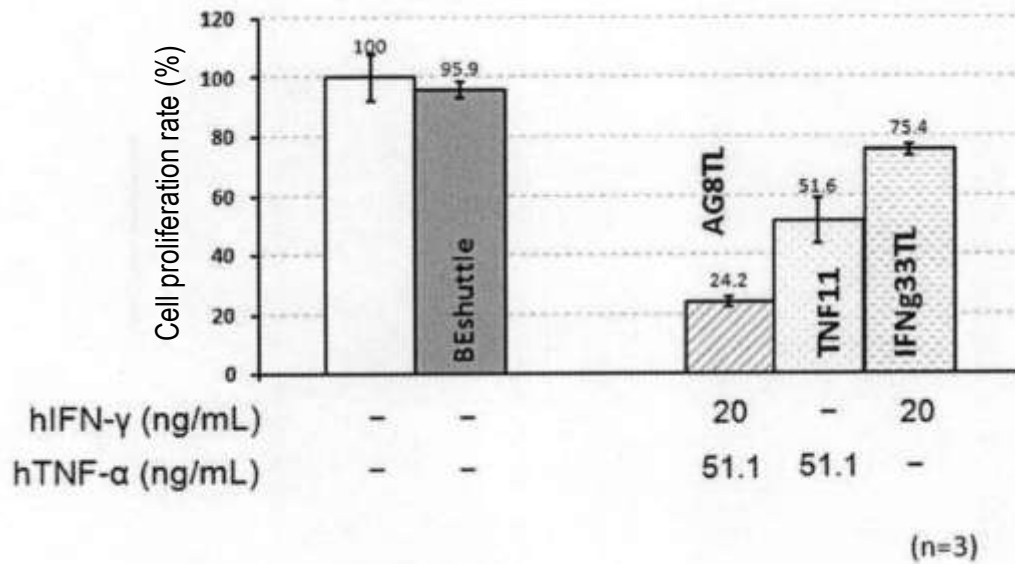
[Figure 4]



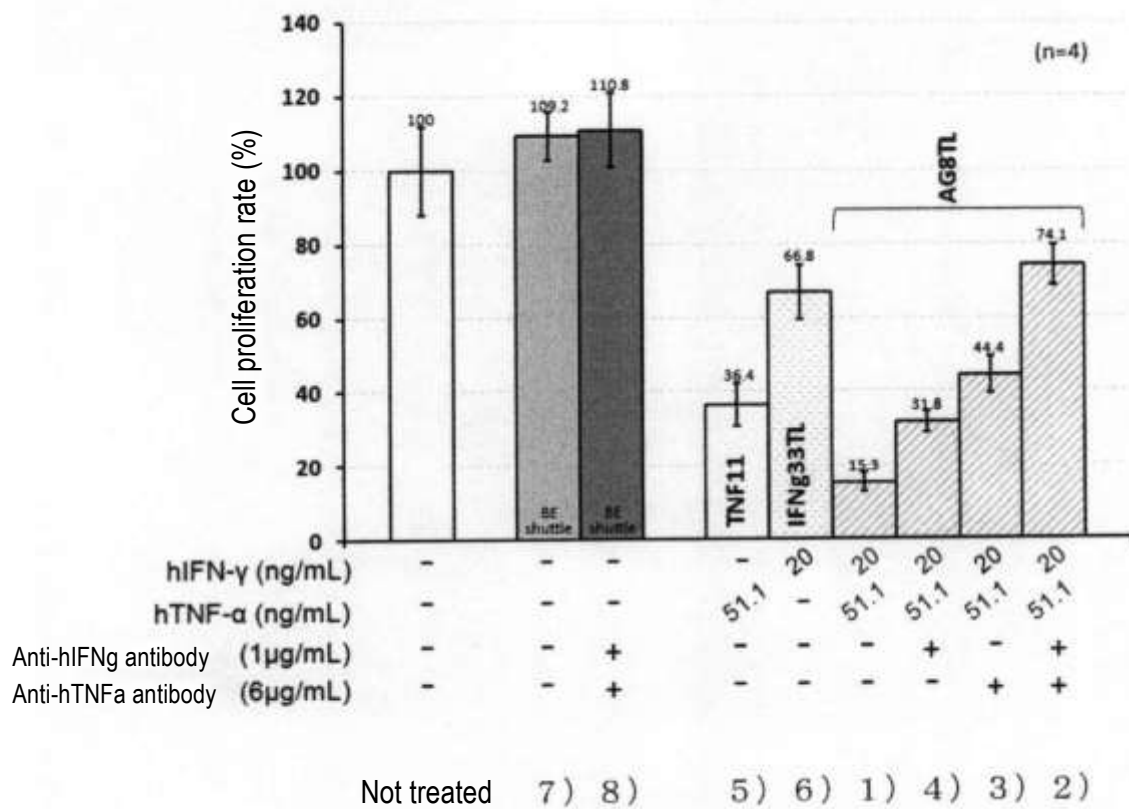
[Figure 5]



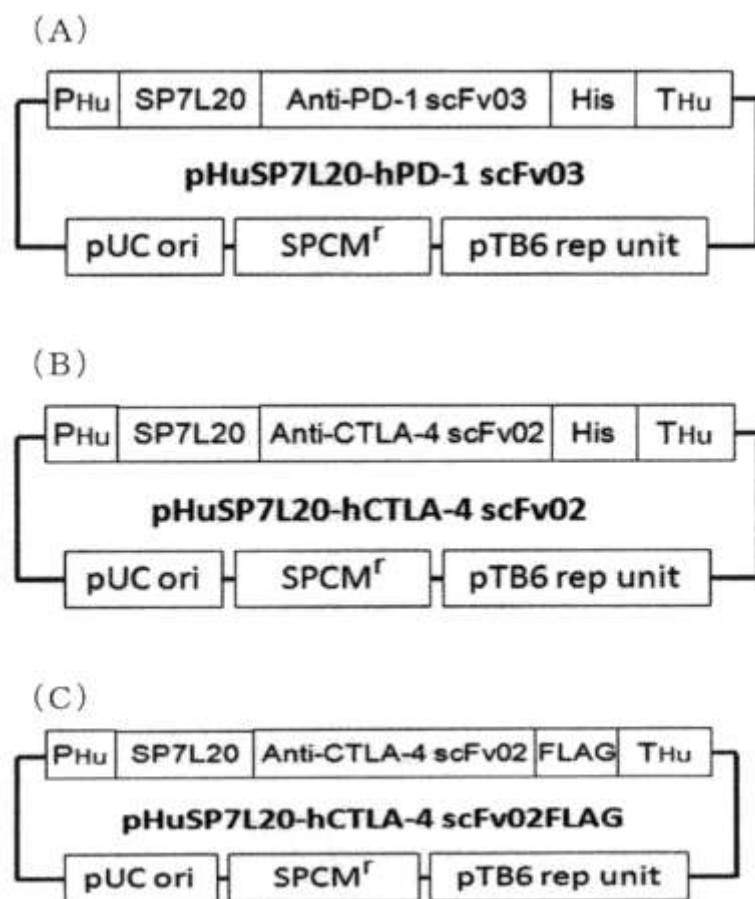
[Figure 6]



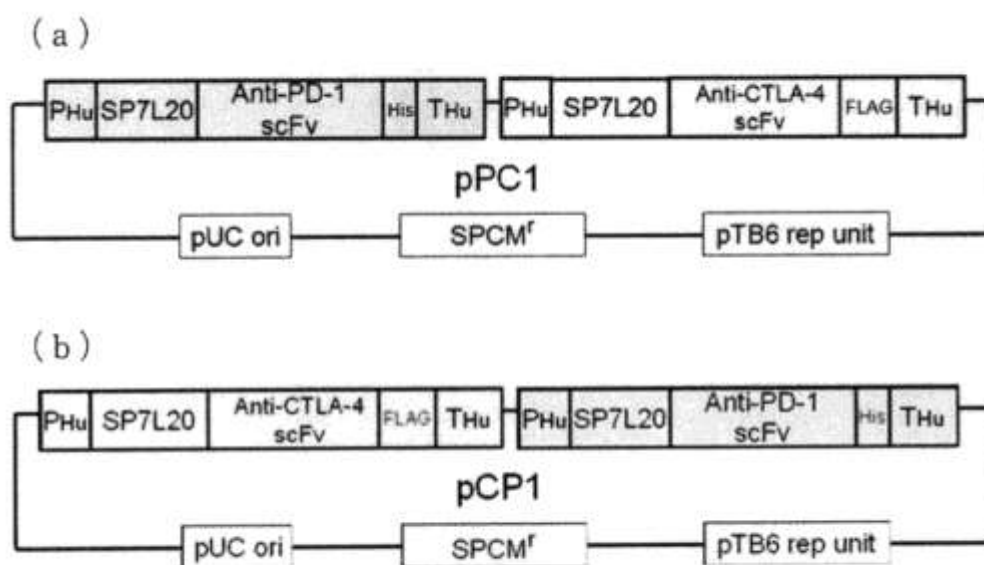
[Figure 7]



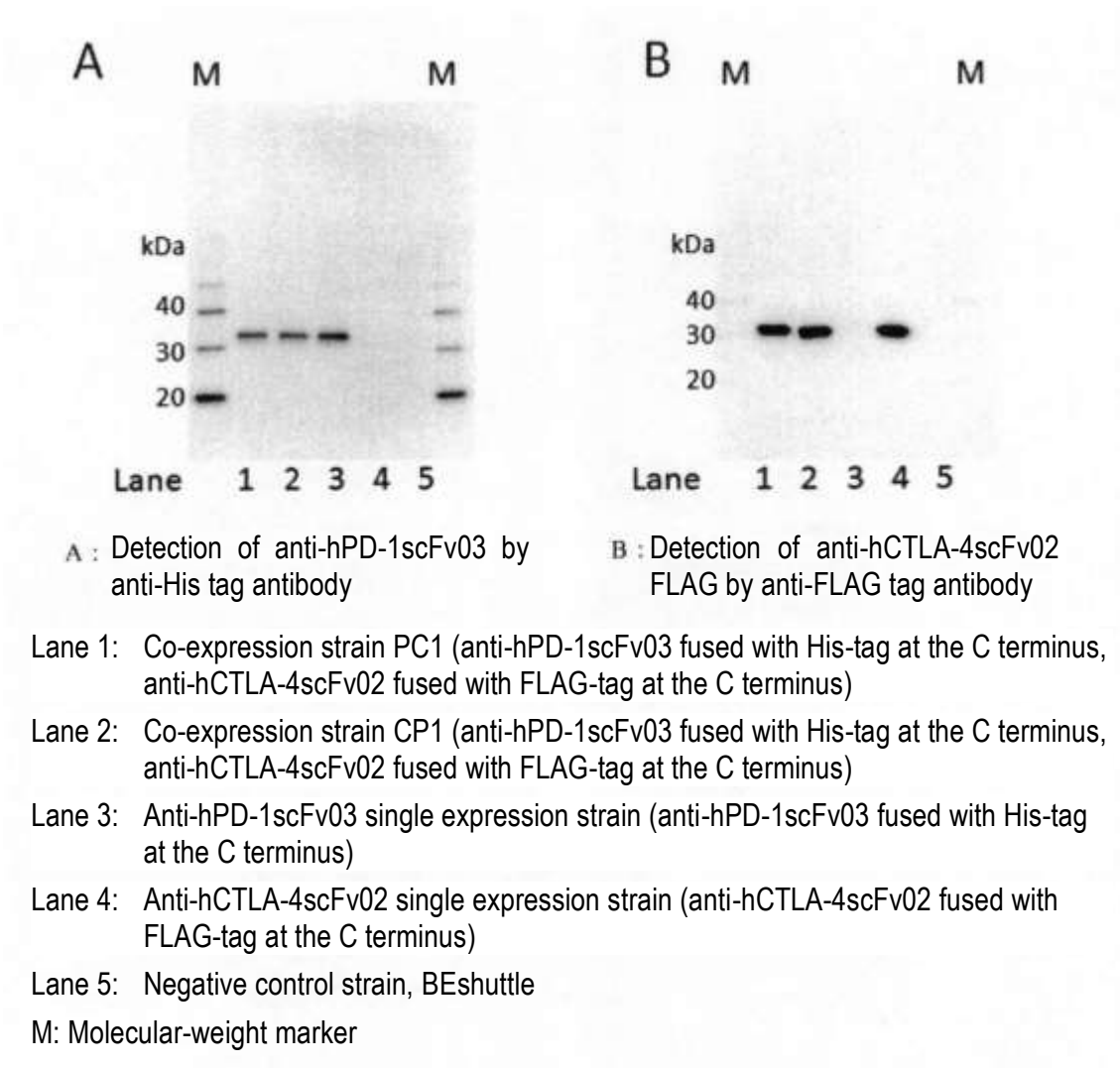
[Figure 8]



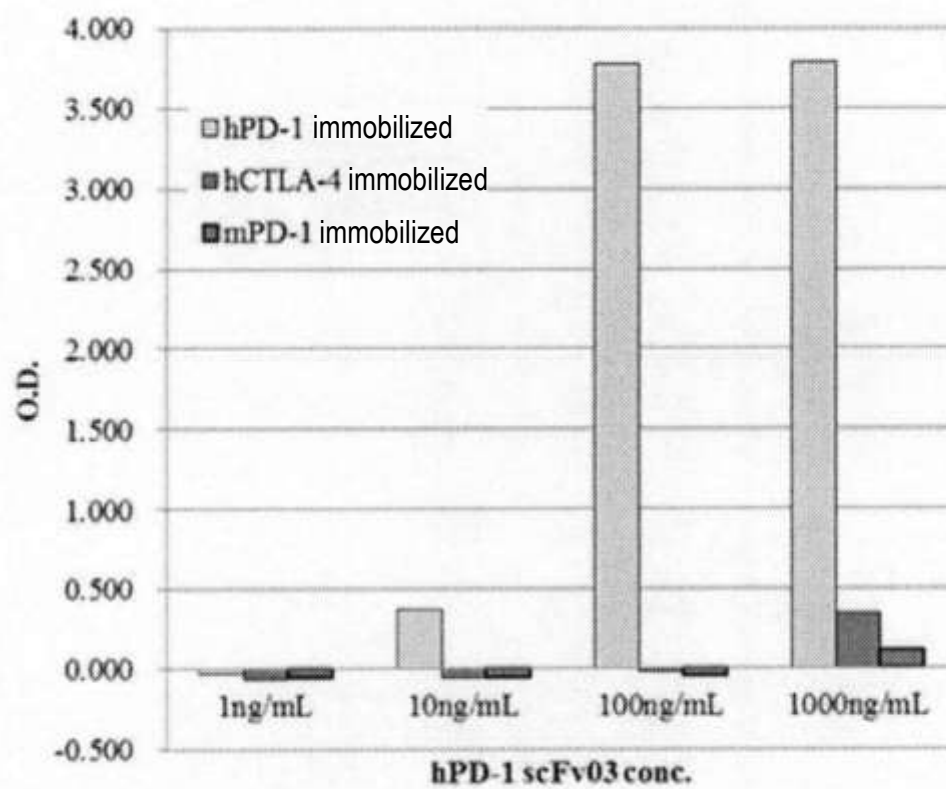
[Figure 9]



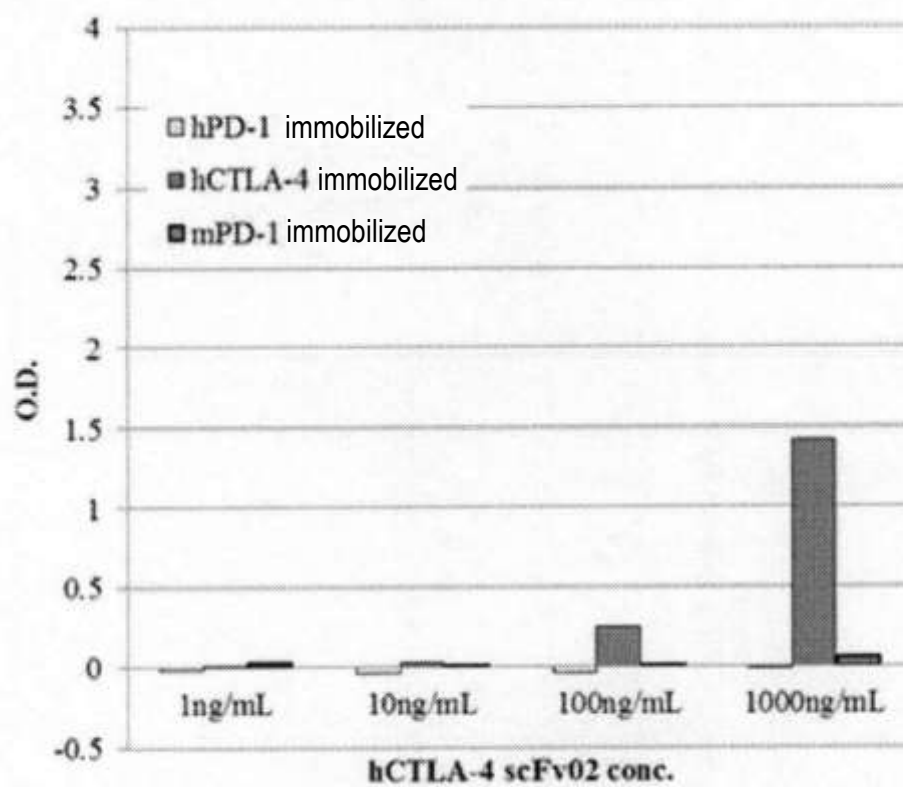
[Figure 10]



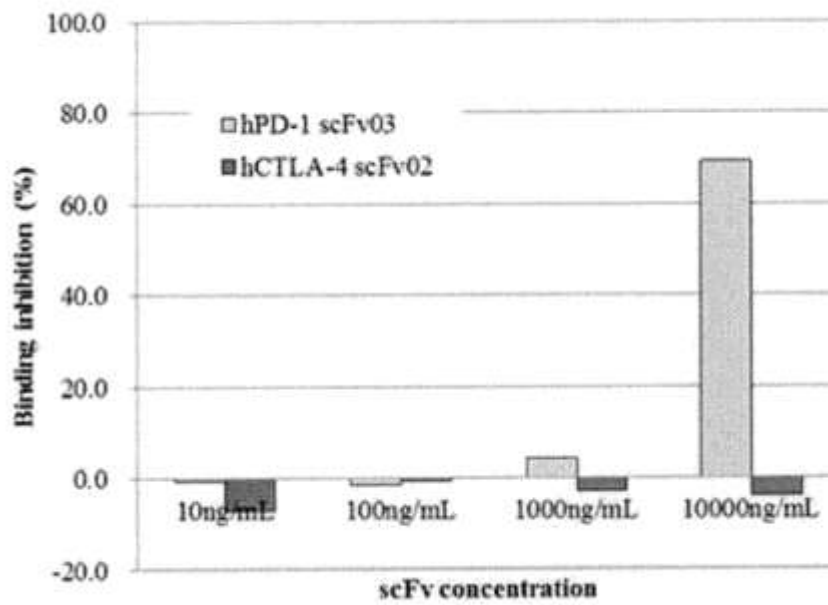
[Figure 11]



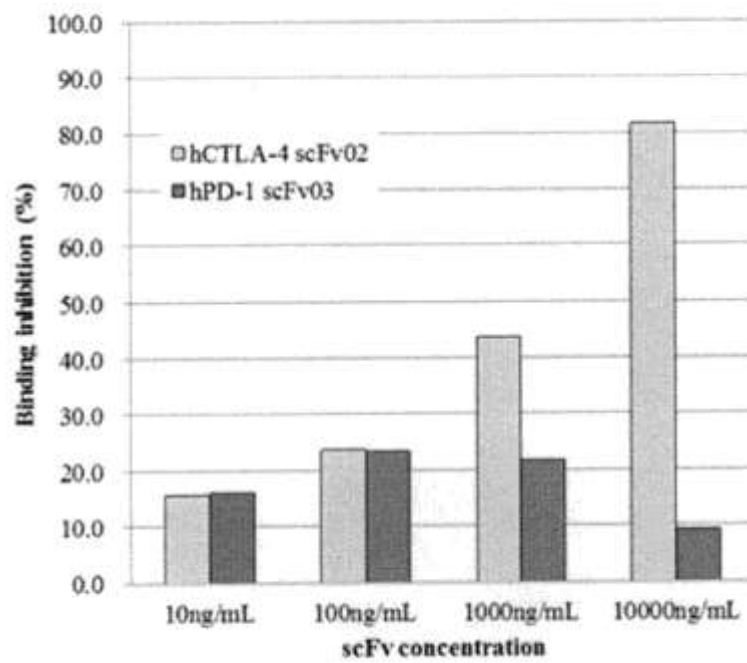
[Figure 12]



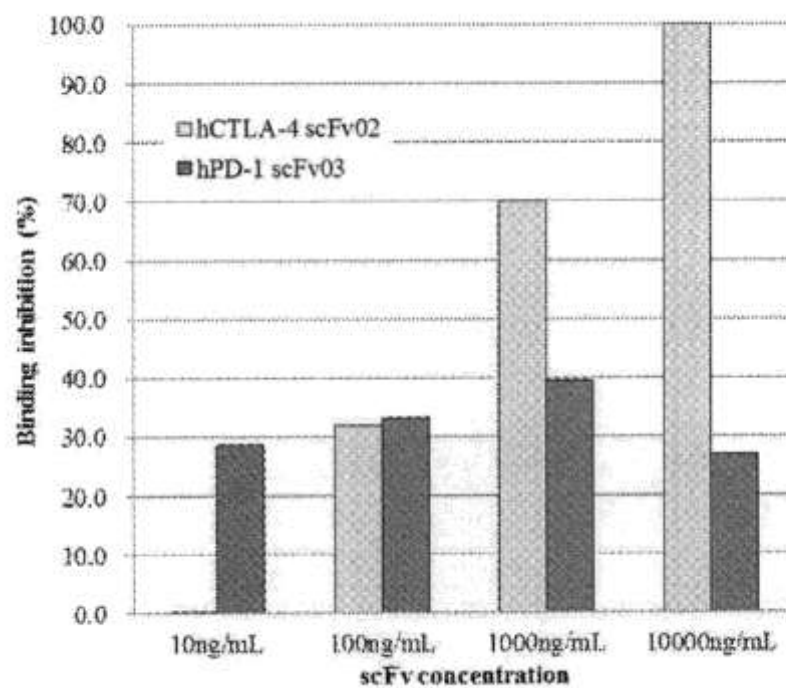
[Figure 13]



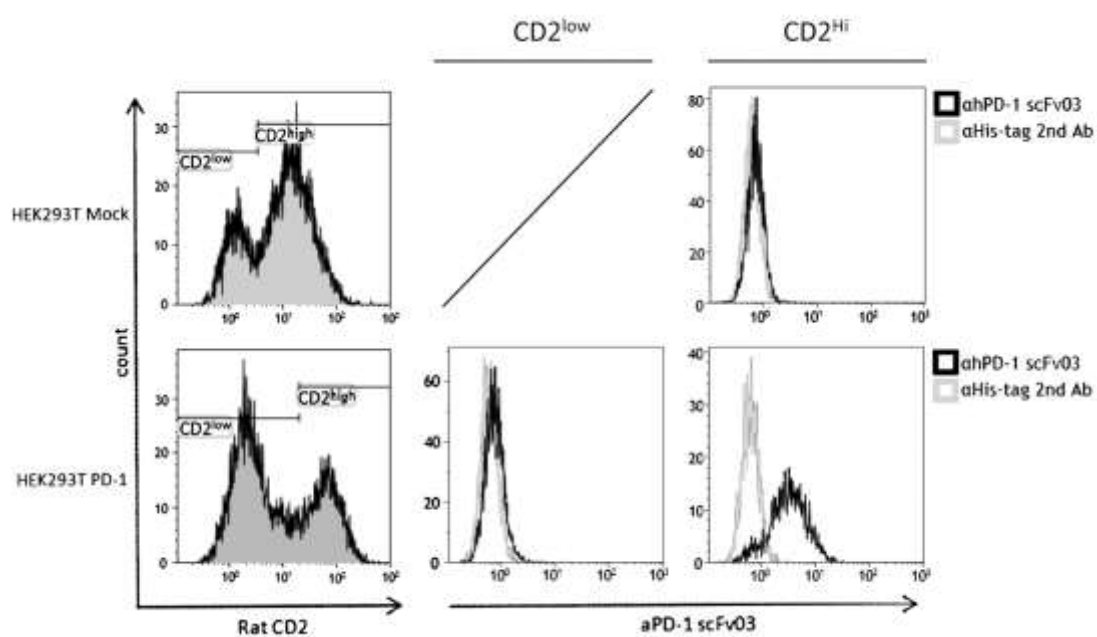
[Figure 14]



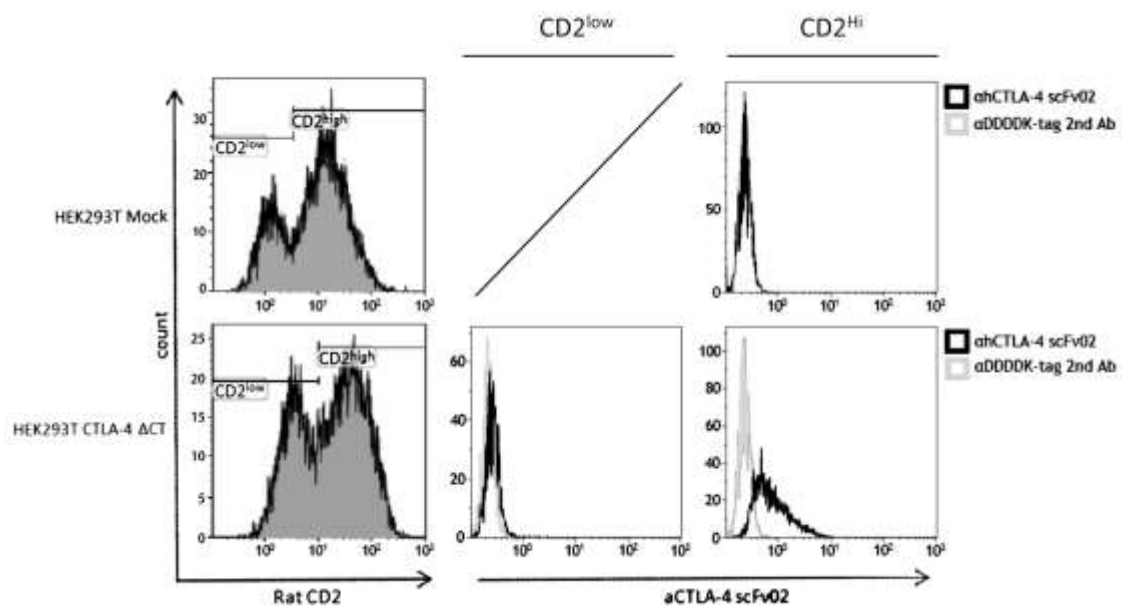
[Figure 15]



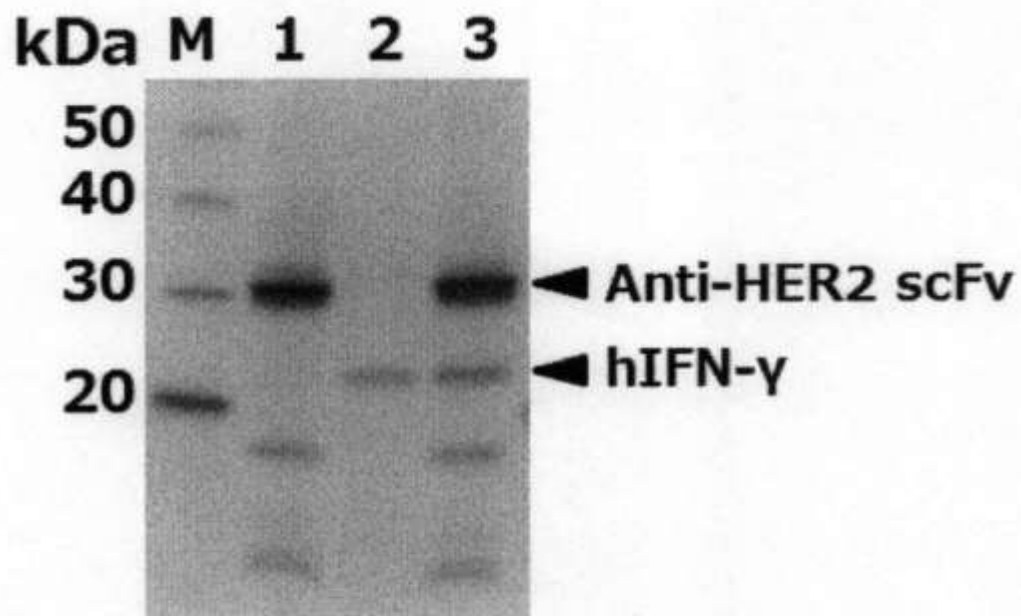
[Figure 16]



[Figure 17]



[Figure 18]

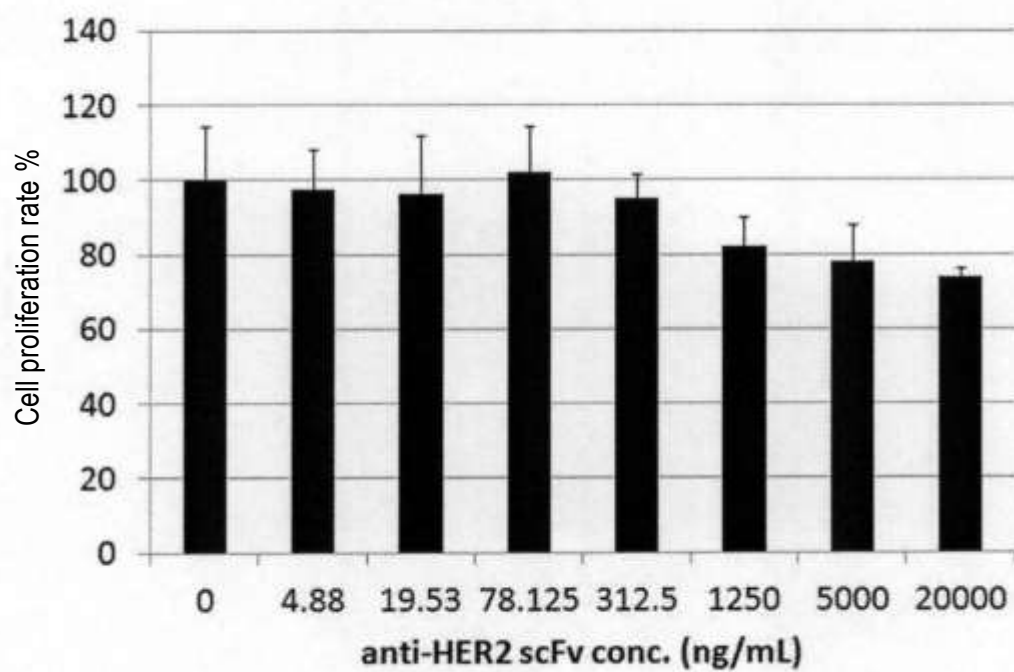


Lane 1: P30SP7L20-bHER2 strain (anti-HER2 scFv single expression)

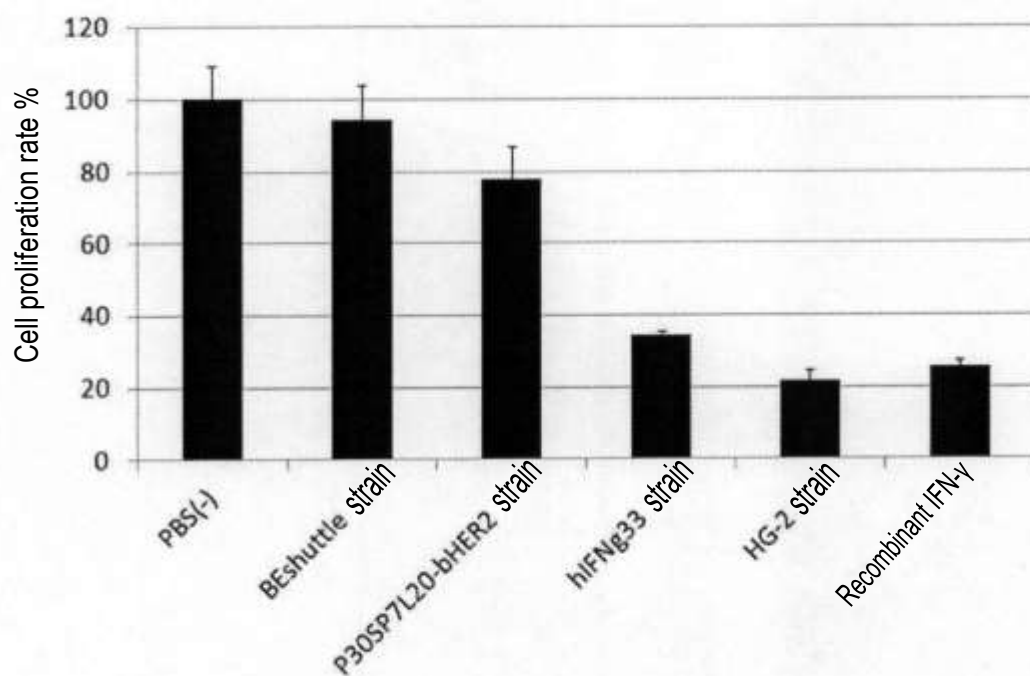
Lane 2: hIFN γ 33 strain (IFN- γ single expression)

Lane 3: HG-2 strain (co-expression)

[Figure 19]

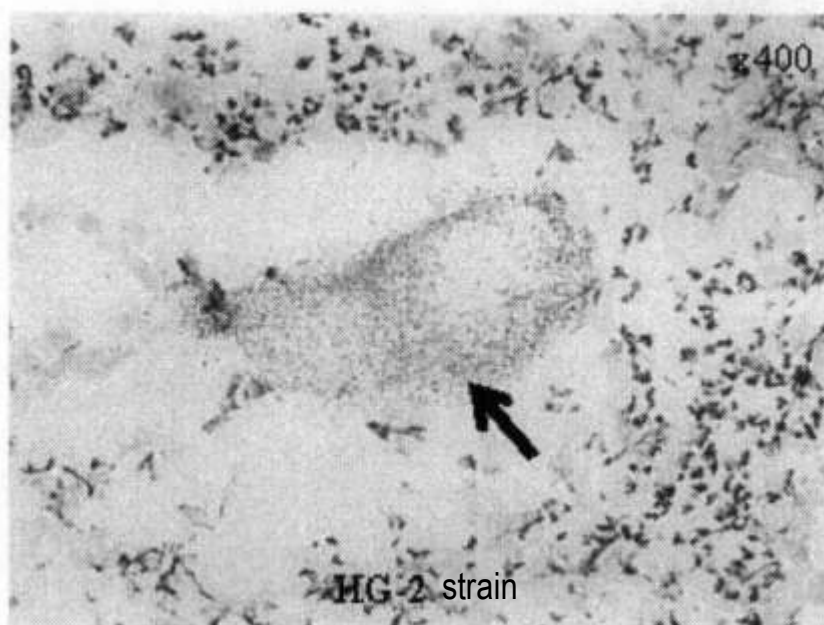


[Figure 20]

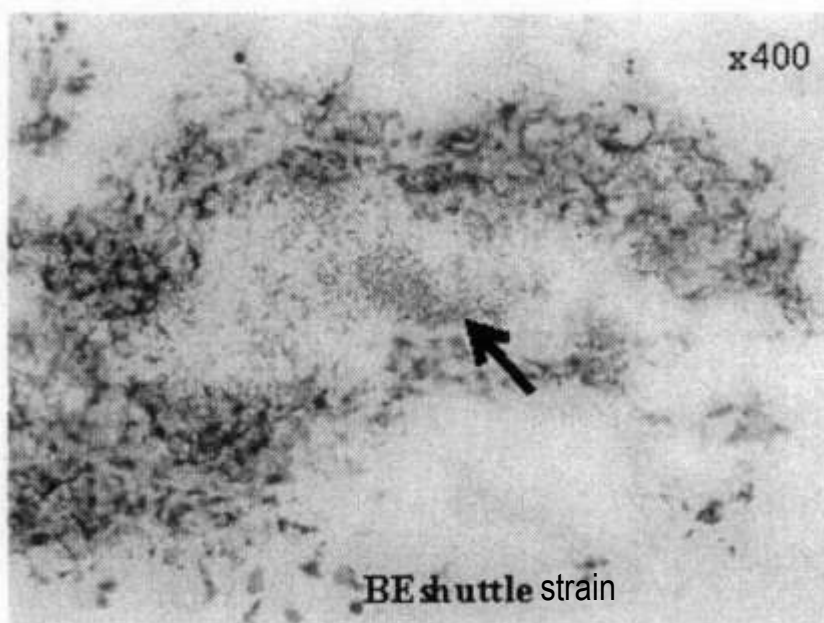


[Figure 21]

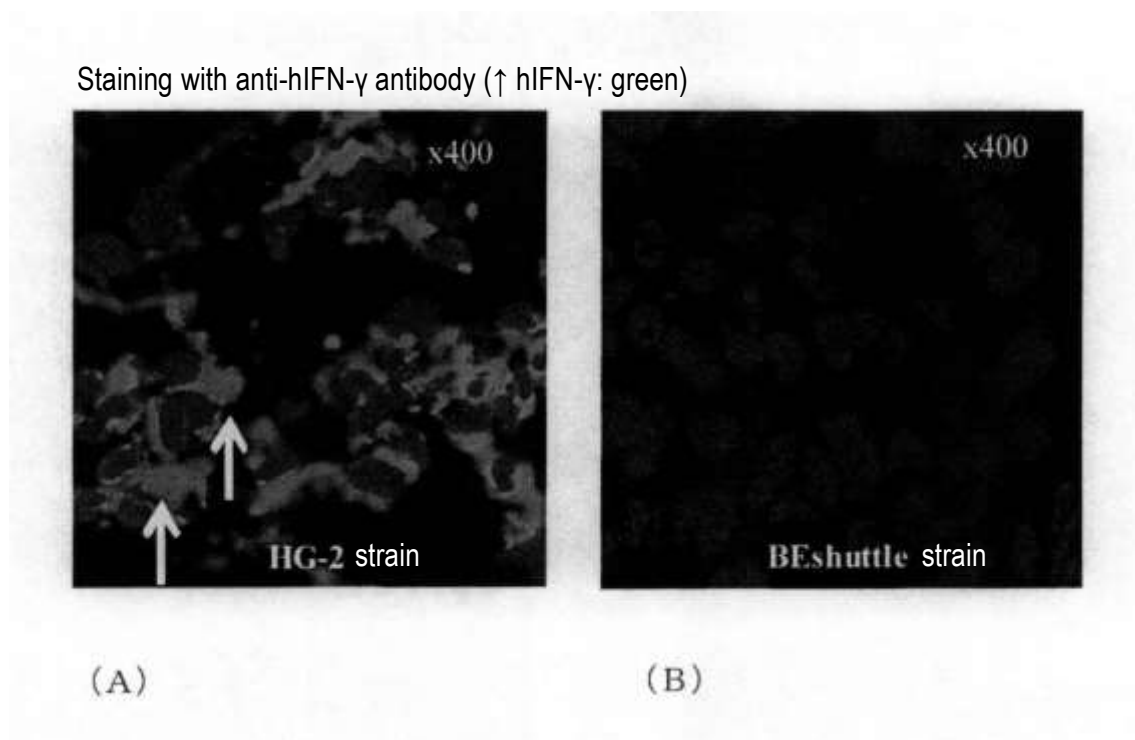
(A)



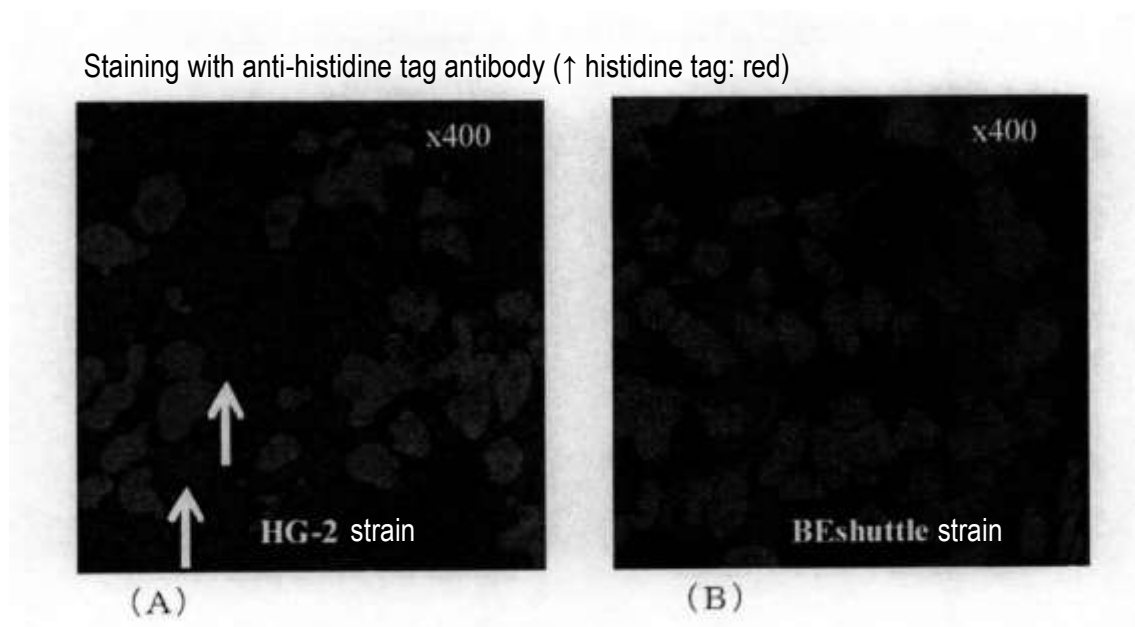
(B)



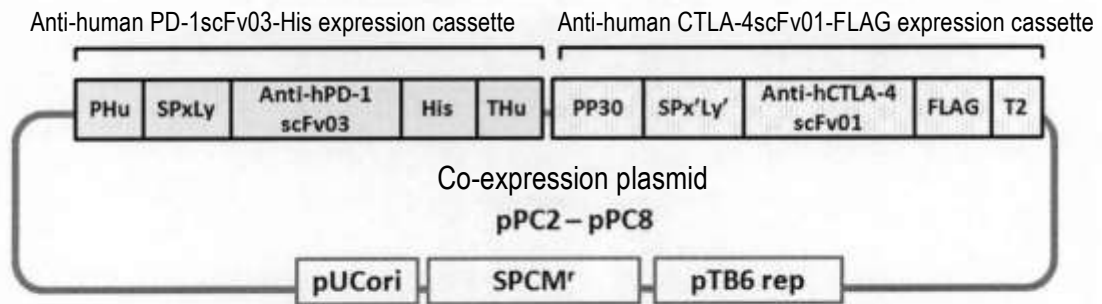
[Figure 22]



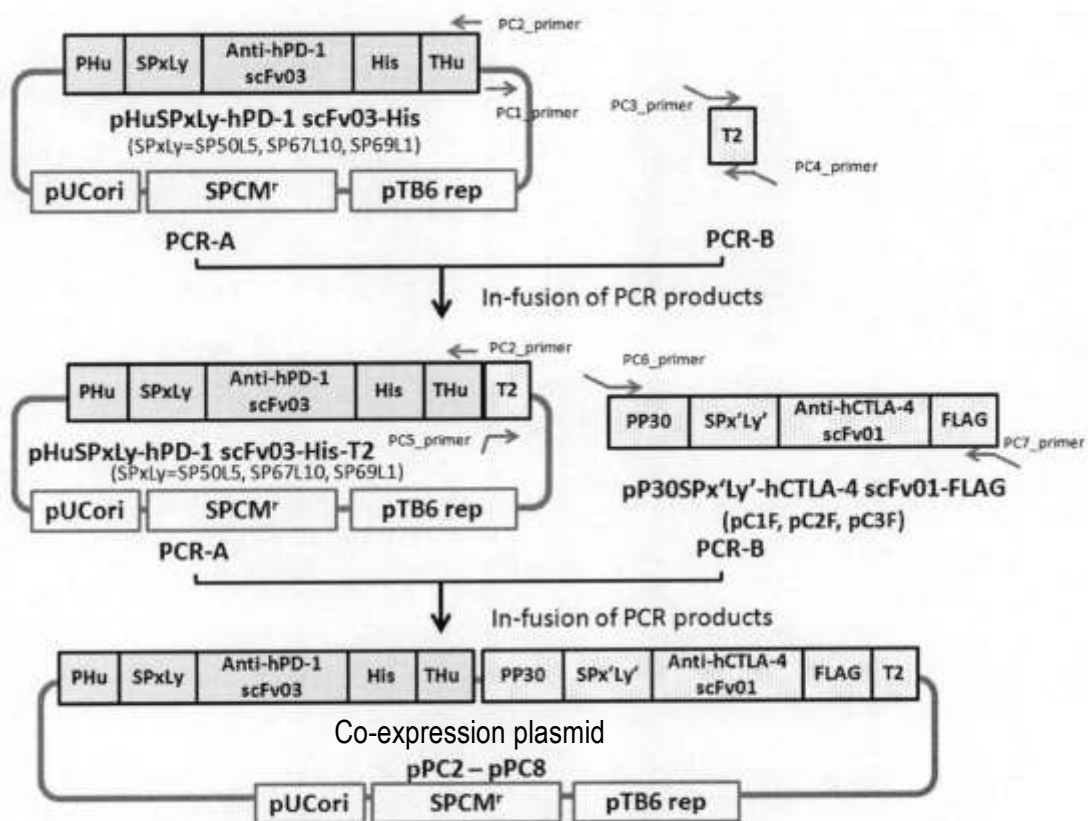
[Figure 23]



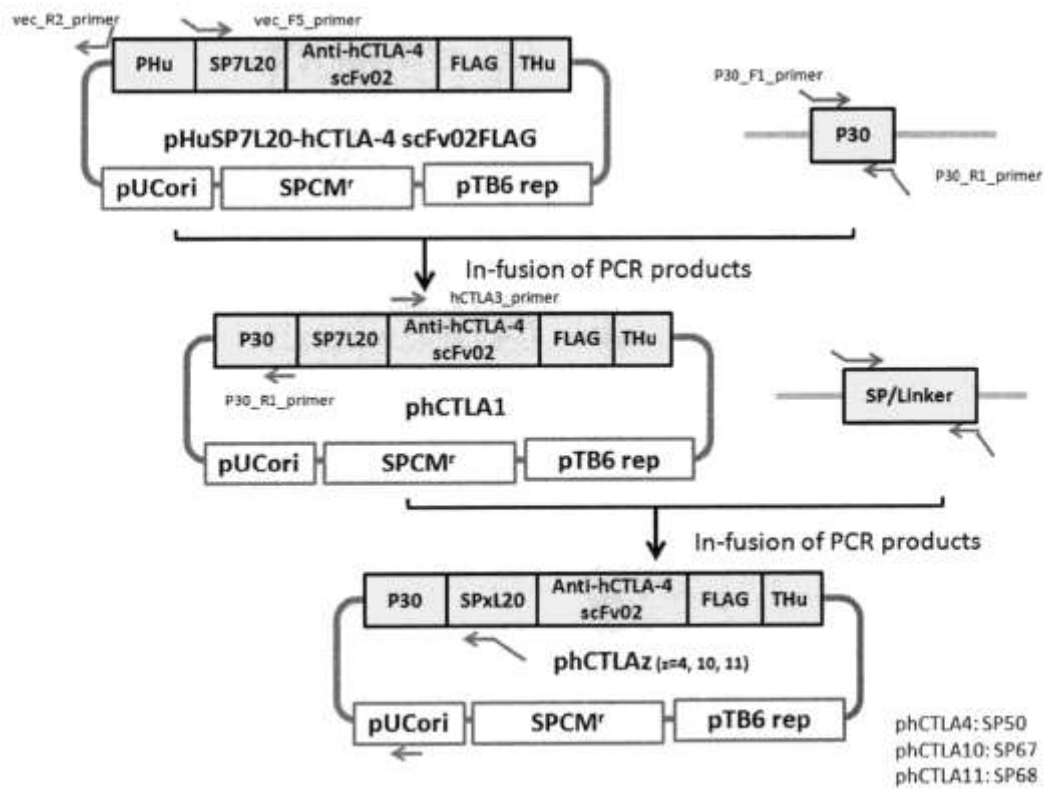
[Figure 24]



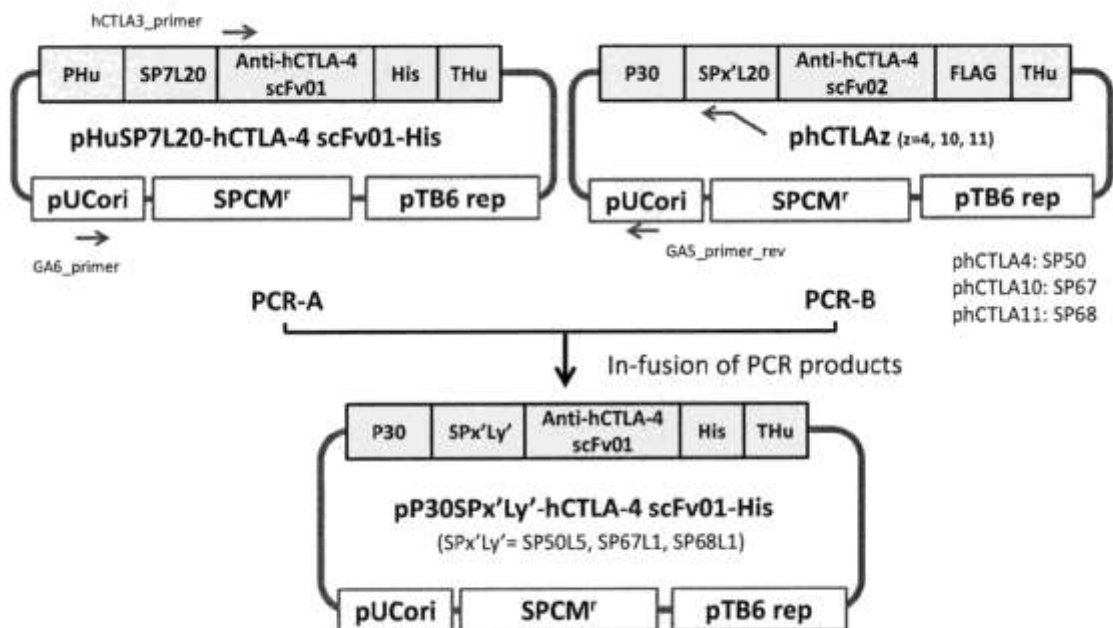
[Figure 25]



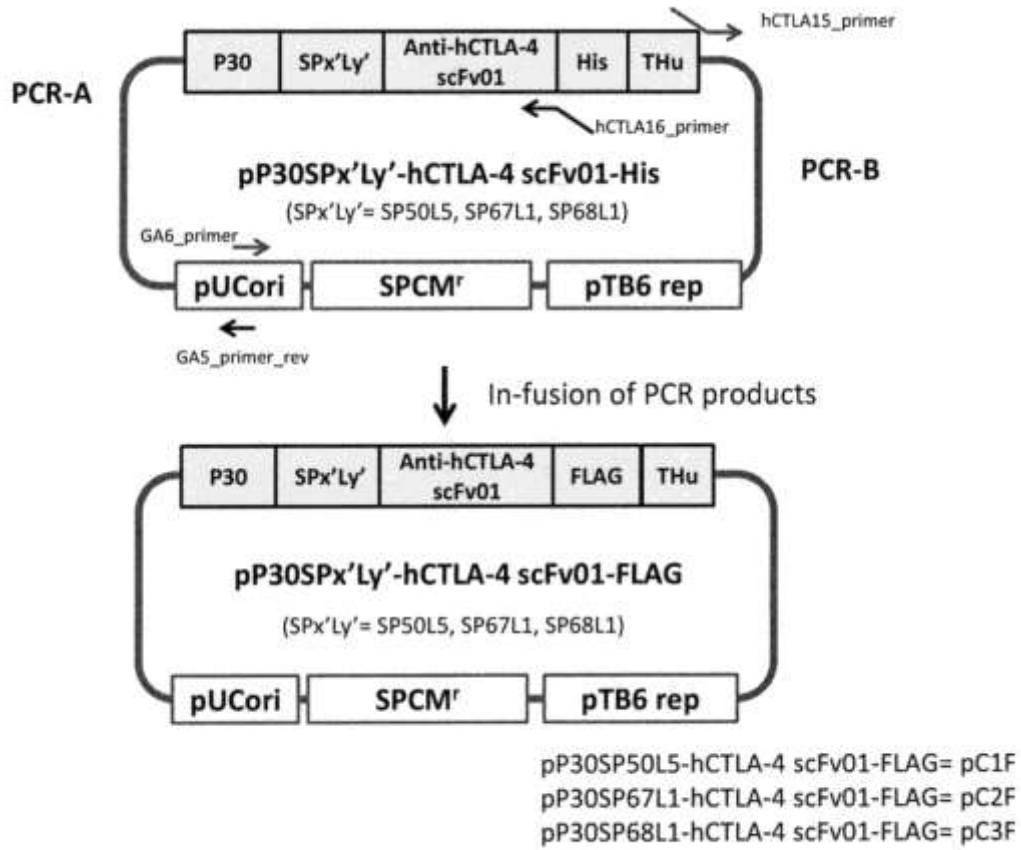
[Figure 26]



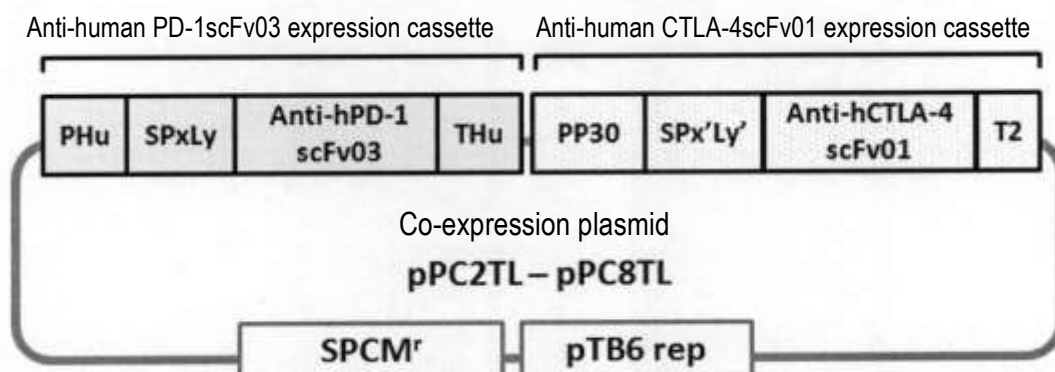
[Figure 27]



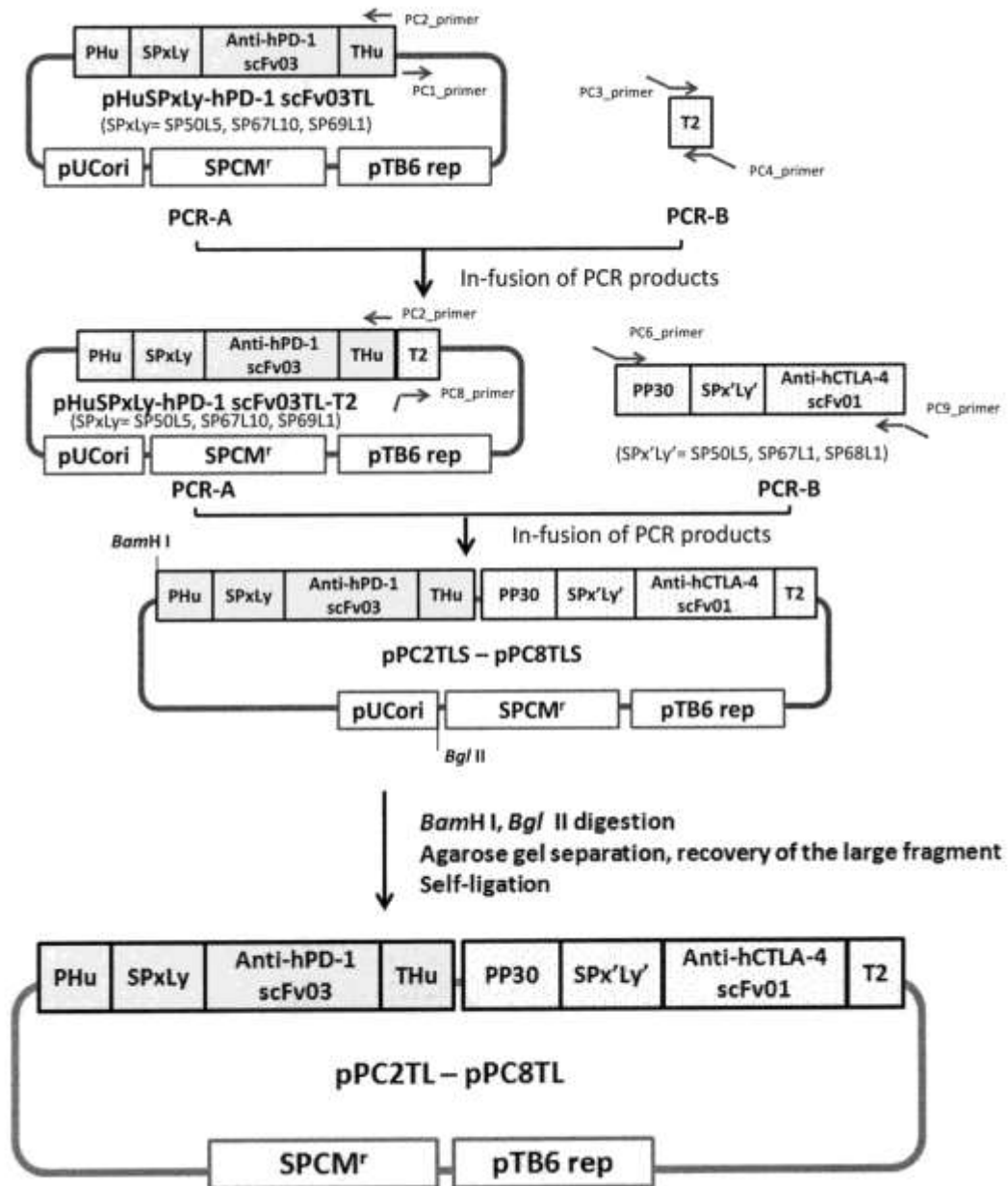
[Figure 28]



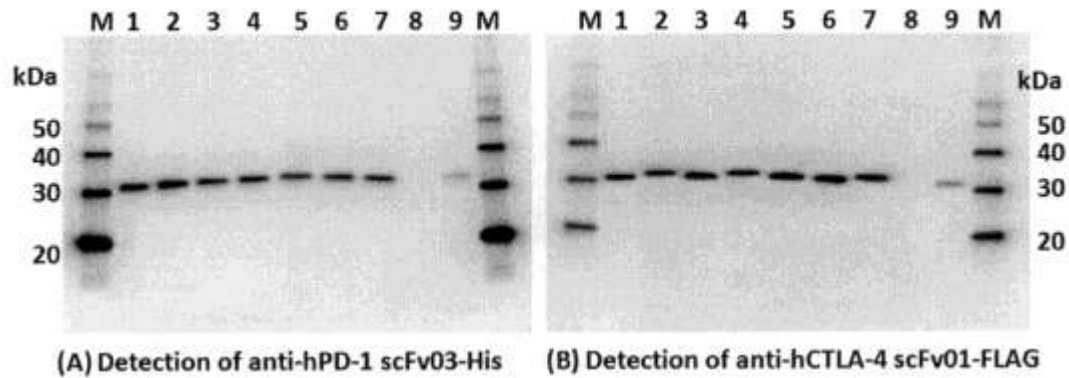
[Figure 29]



[Figure 30]

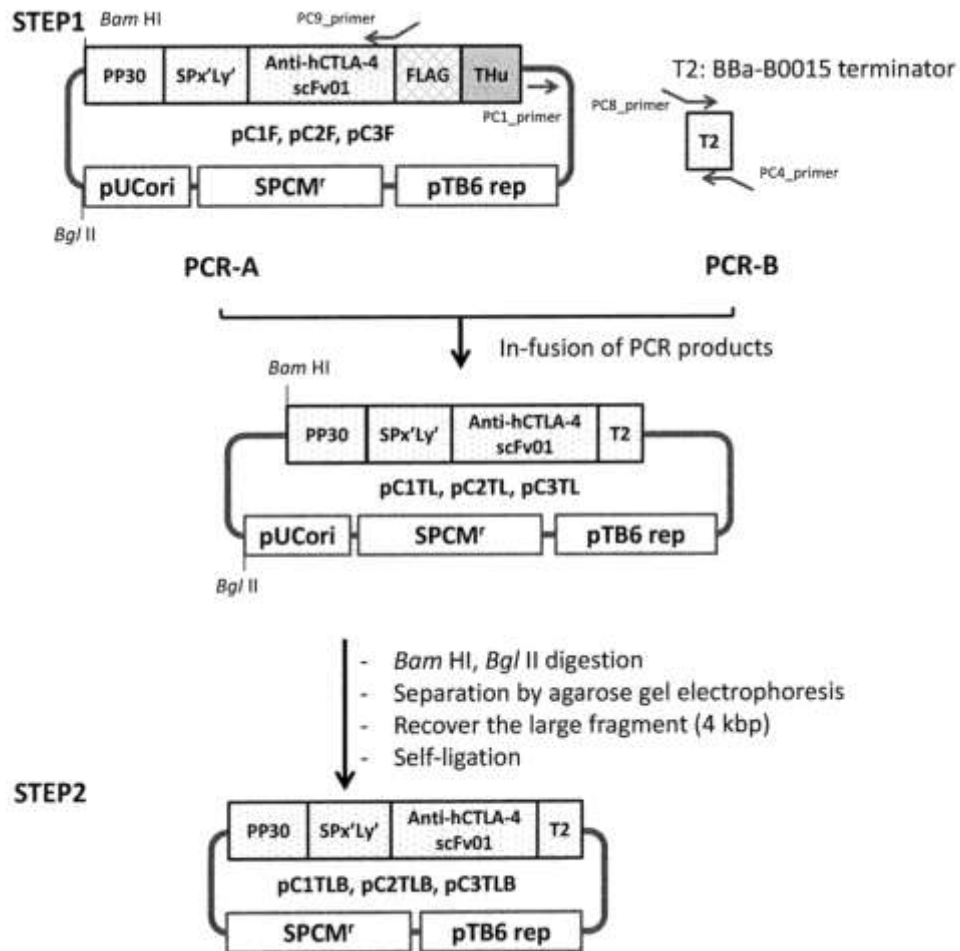


[Figure 31]

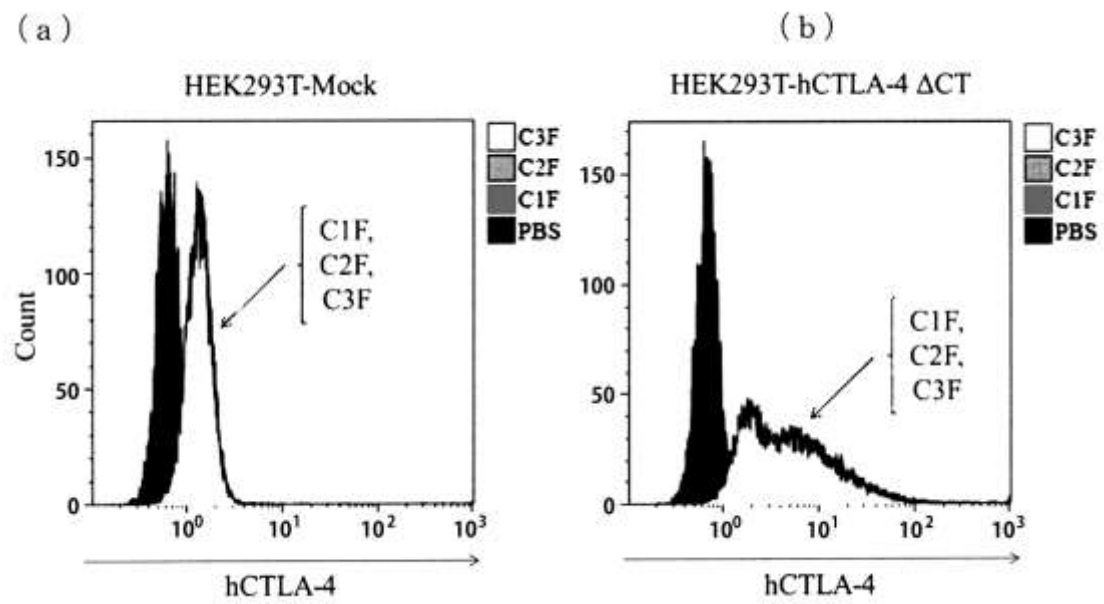


1. PC2 (SP50L5-hPD-1 scFv03-His, SP67L1-hCTLA4-scFv01-FLAG)
2. PC3 (SP50L5-hPD-1 scFv03-His, SP68L1-hCTLA4-scFv01-FLAG)
3. PC4 (SP67L10-hPD-1 scFv03-His, SPSP50L5-hCTLA4-scFv01-FLAG)
4. PC5 (SP67L10-hPD-1 scFv03-His, SP68L1-hCTLA4-scFv01-FLAG)
5. PC6 (SP69L1-hPD-1 scFv03-His, SP50L5-hCTLA4-scFv01-FLAG)
6. PC7 (SP69L1-hPD-1 scFv03-His, SP67L1-hCTLA4-scFv01-FLAG)
7. PC8 (SP69L1-hPD-1 scFv03-His, SP68L1-hCTLA4-scFv01-FLAG)
8. BEshuttle (N.C.)
9. PC1

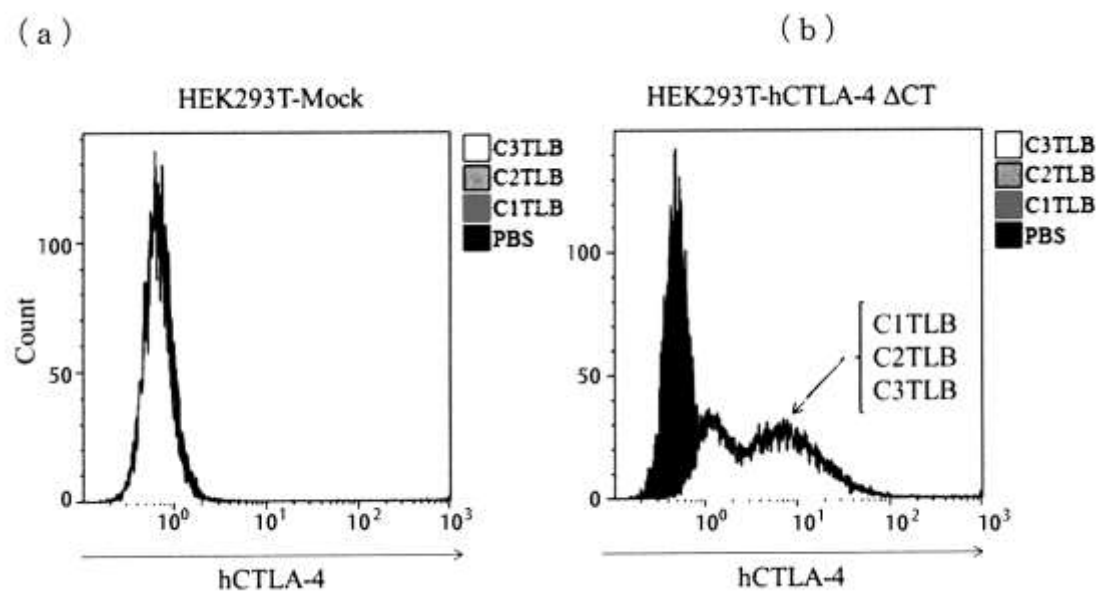
[Figure 32]



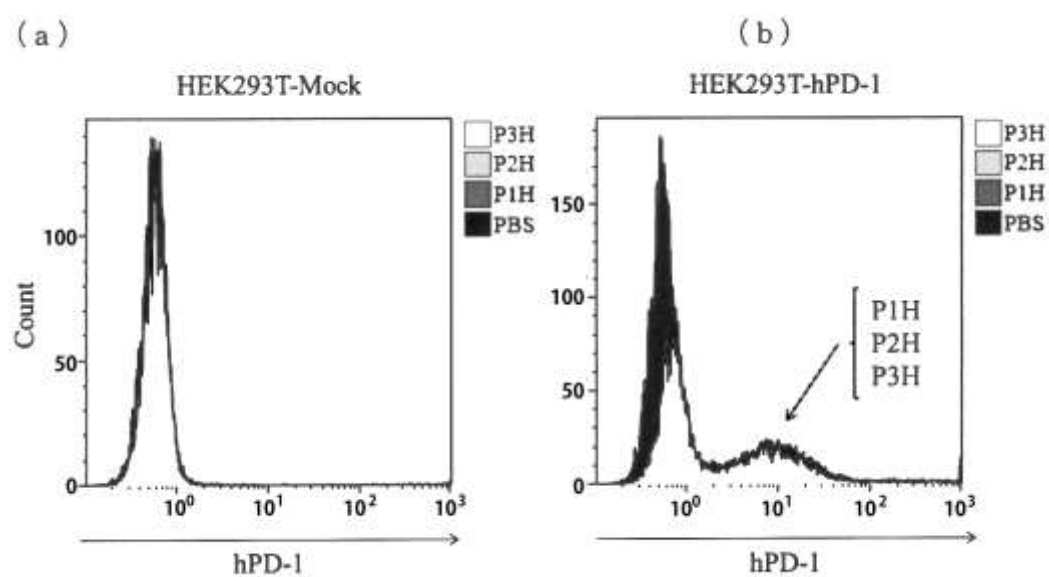
[Figure 33]



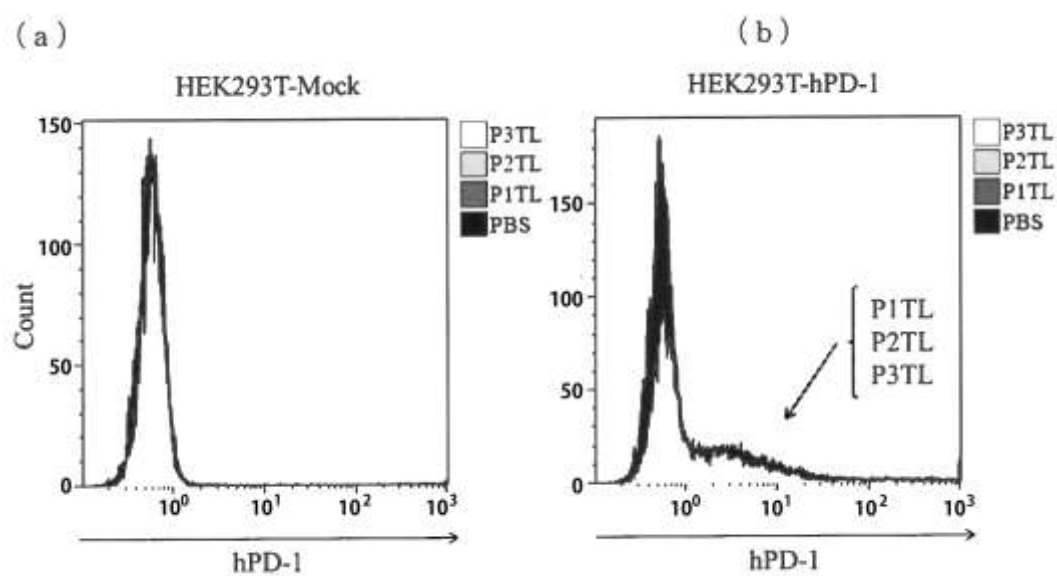
[Figure 34]



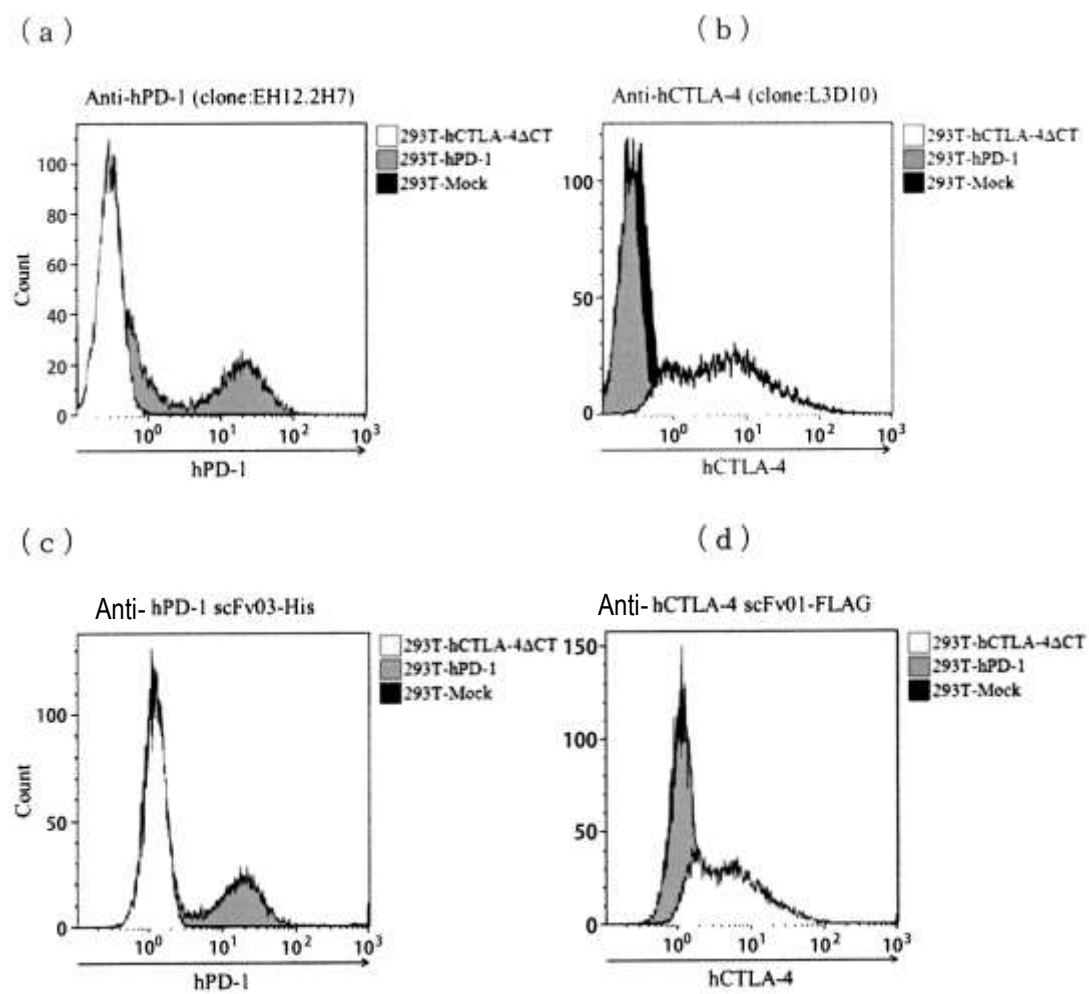
[Figure 35]



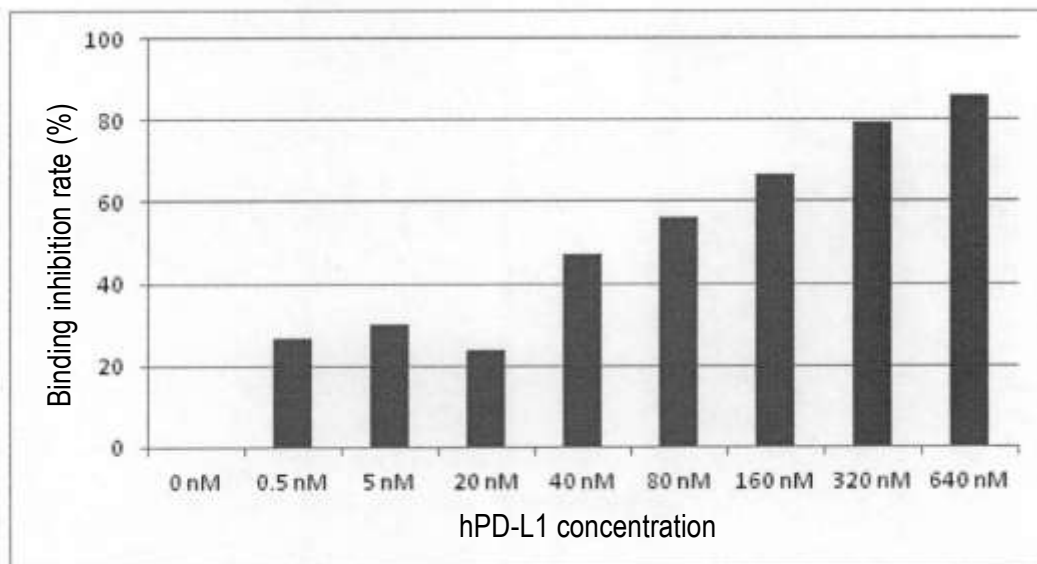
[Figure 36]



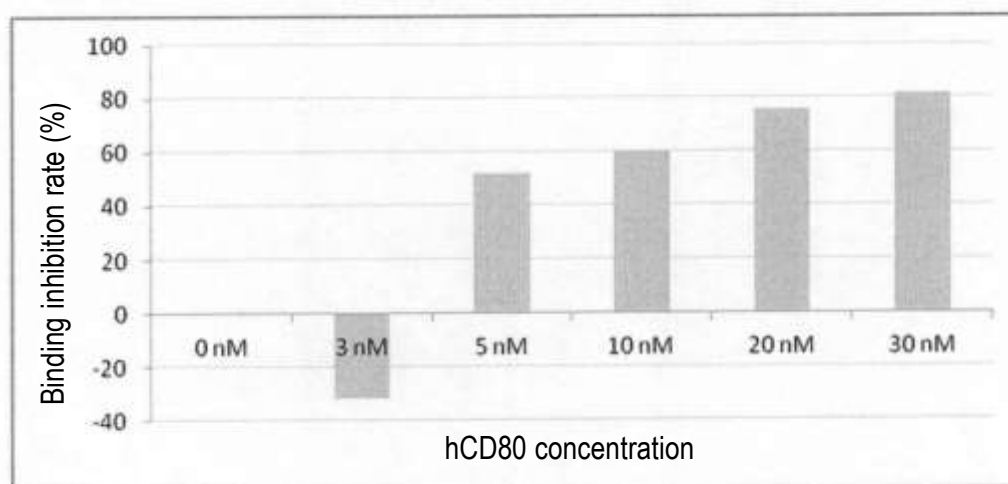
[Figure 37]



[Figure 38]



[Figure 39]



[Figure 40]

