Fig. 1

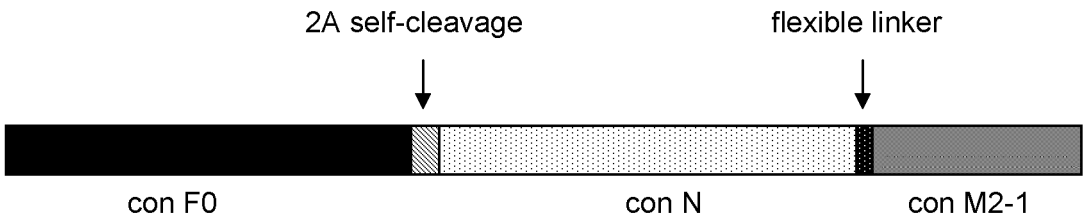


Fig. 2

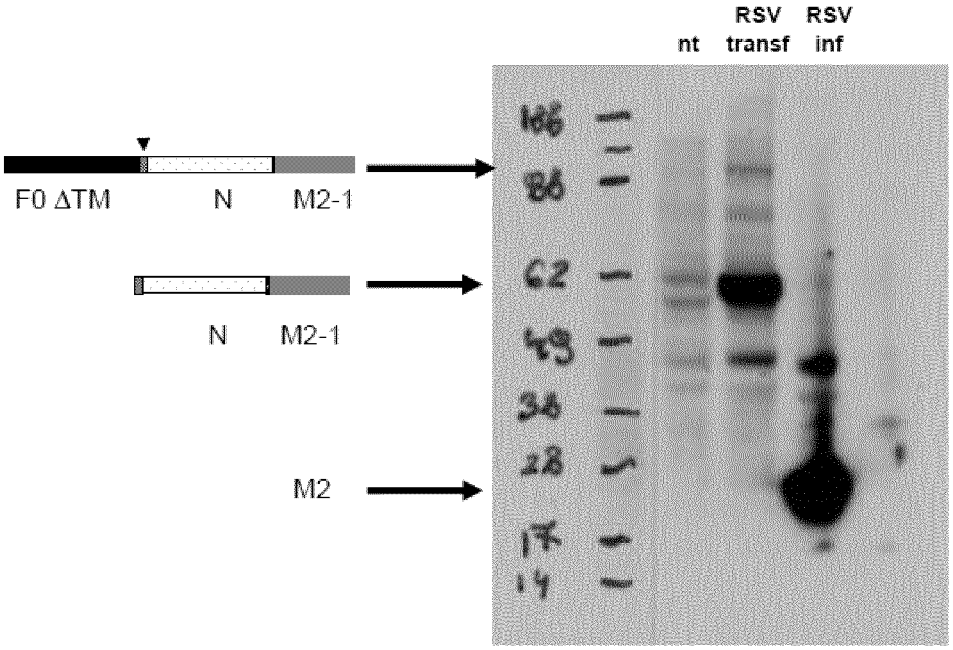


Fig. 3

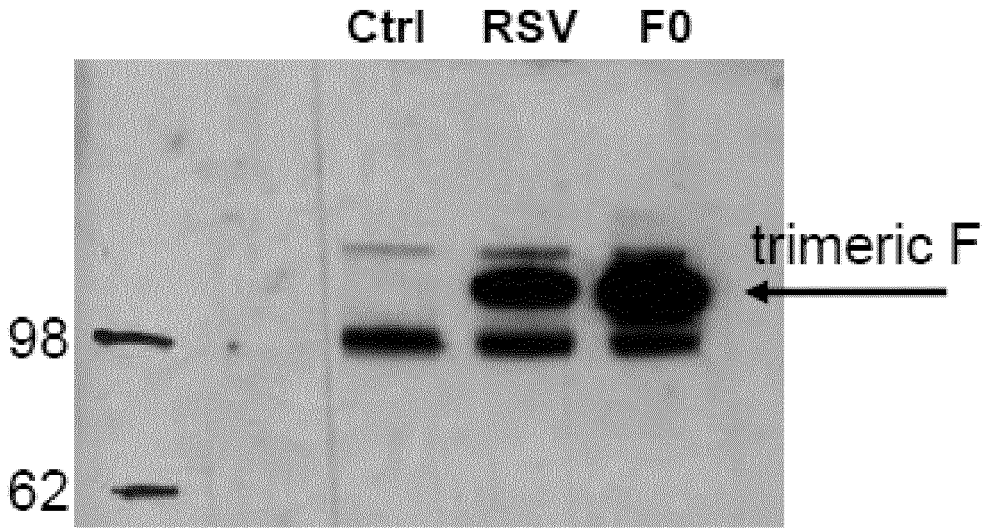
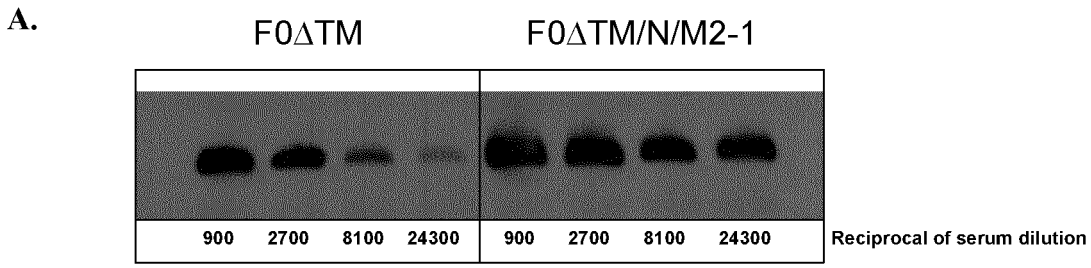


Fig. 4


A.
F0ΔTM
F0ΔTM/N/M2-1
900
2700
8100
24300
900
2700
8100
24300
Reciprocal of serum dilution

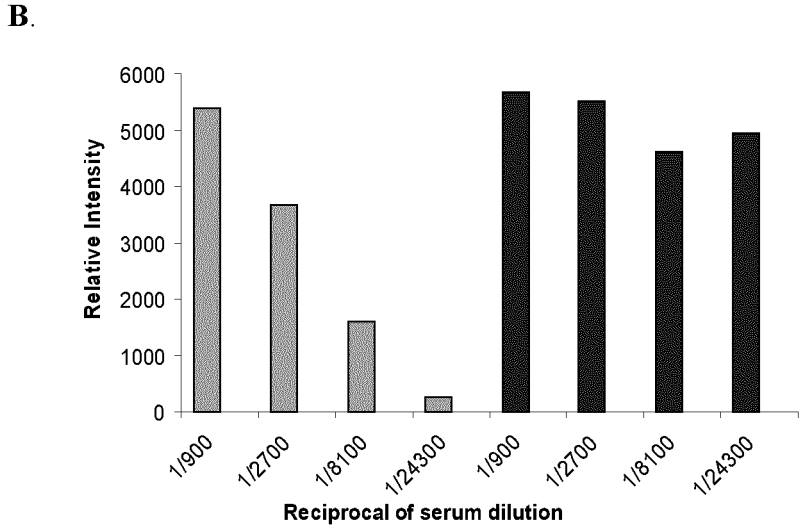

B.
Relative Intensity
6000
5000
4000
3000
2000
1000
0
1/900
1/2700
1/8100
1/24300
1/900
1/2700
1/8100
1/24300
Reciprocal of serum dilution

Fig. 5

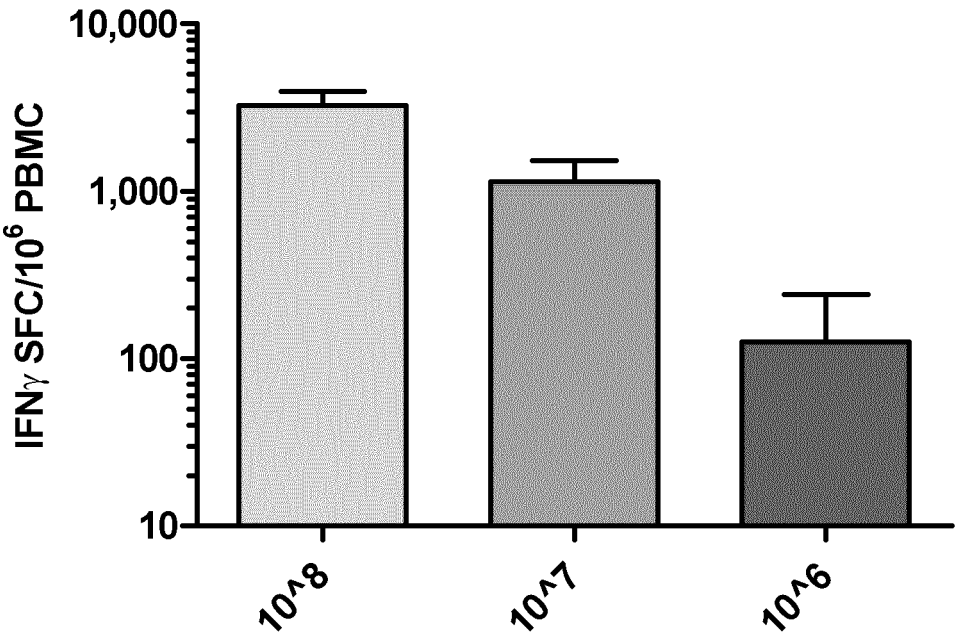

10,000
1,000
100
10
IFNγ SFC/10^6 PBMC
10^8
10^7
10^6

Fig. 6

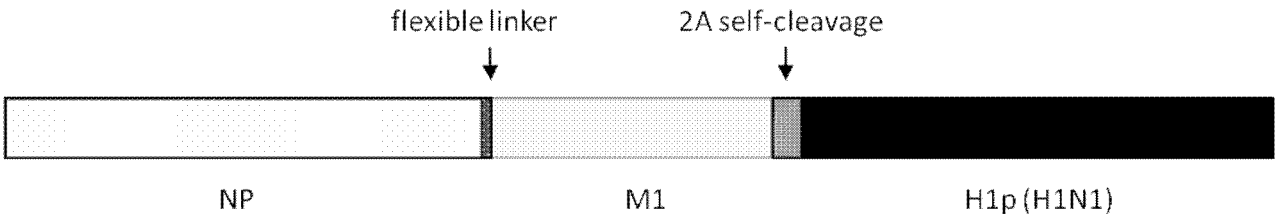

flexible linker
2A self-cleavage
NP
M1
H1p (H1N1)

Fig. 7

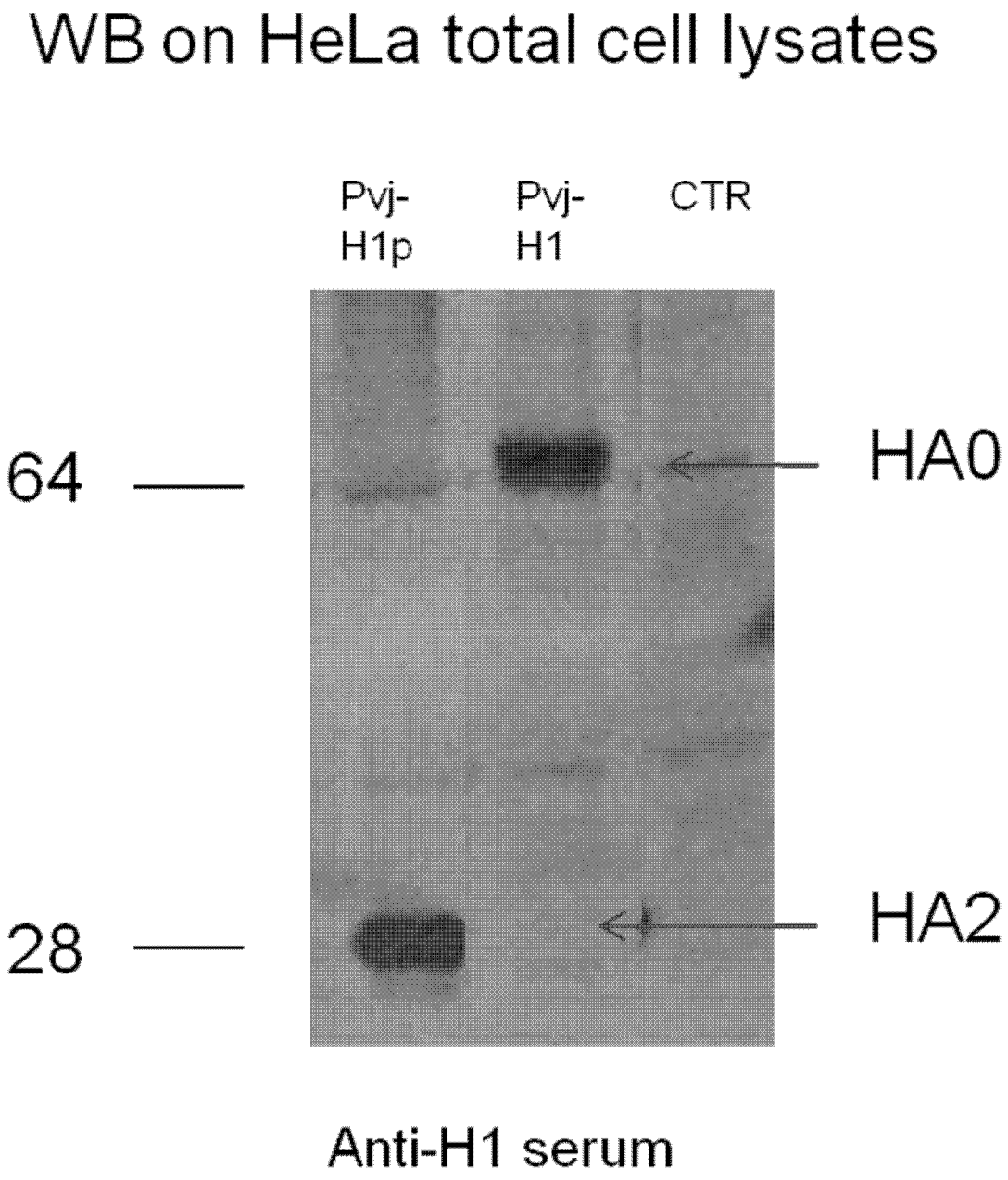
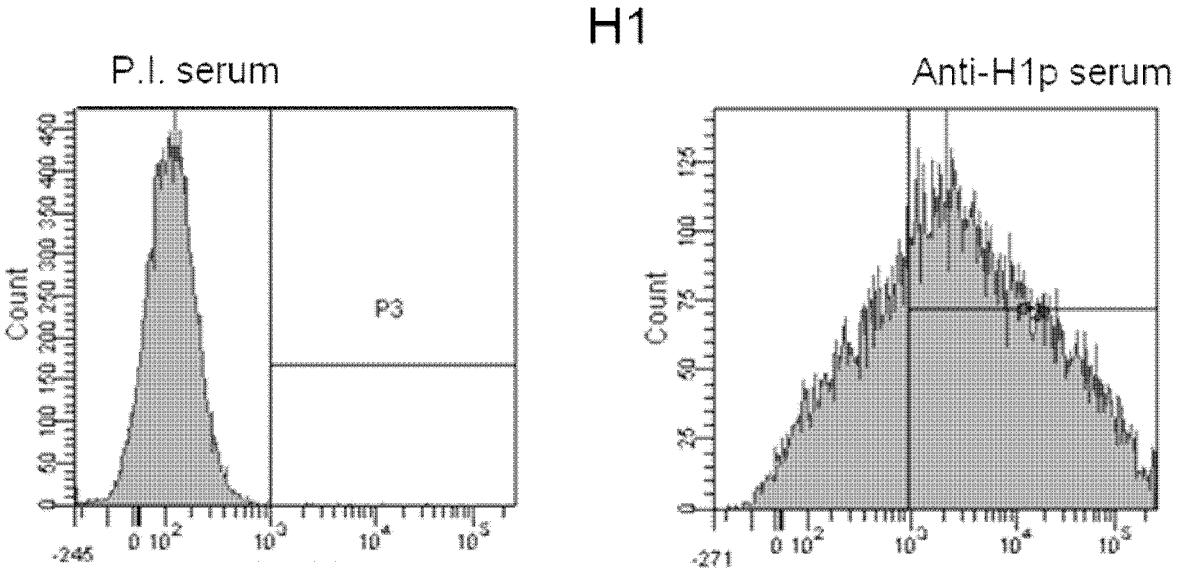

WB on HeLa total cell lysates
Pvj-H1p
Pvj-H1
CTR
64
28
HA0
HA2
Anti-H1 serum

Fig. 8

A


H1
P.I. serum
Anti-H1p serum
Count
P3
-245
-271

B

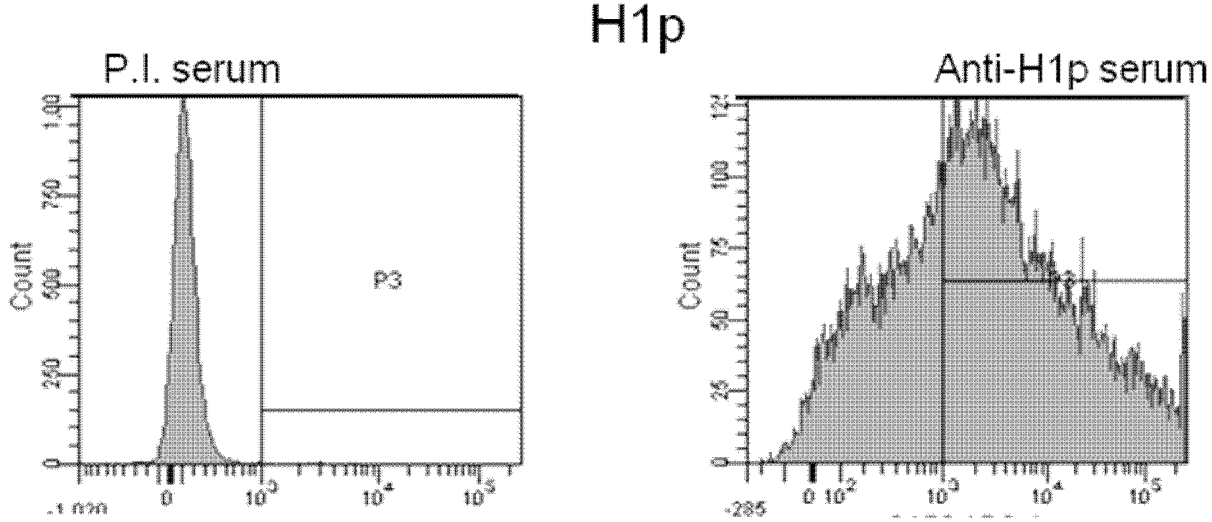

H1p
P.I. serum
Anti-H1p serum
Count
P3
-285

Fig. 9

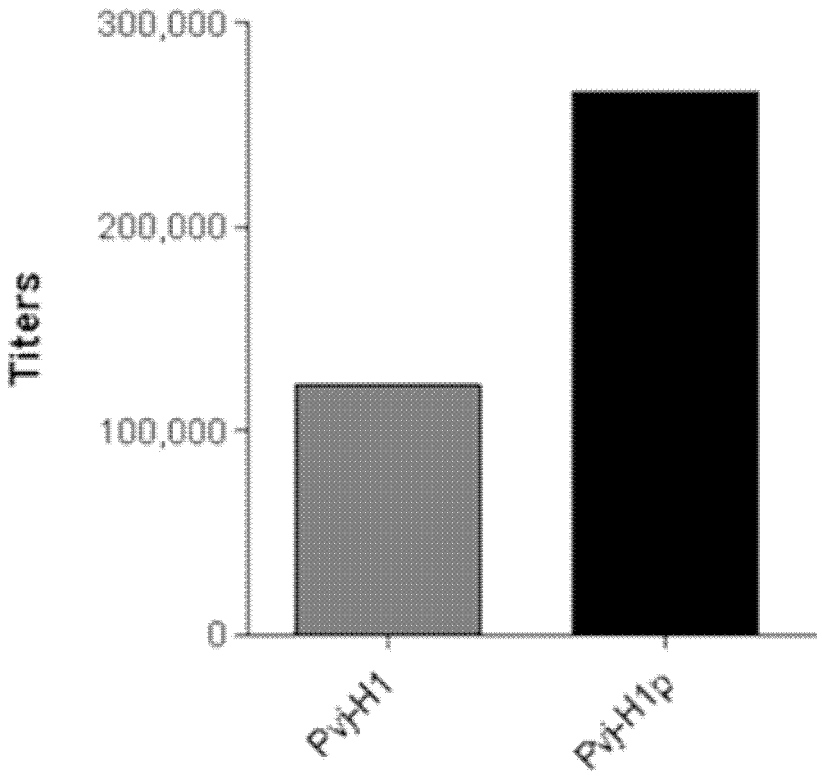

300,000
200,000
100,000
0
Titers
PvjH1
PvjH1p

Fig. 10

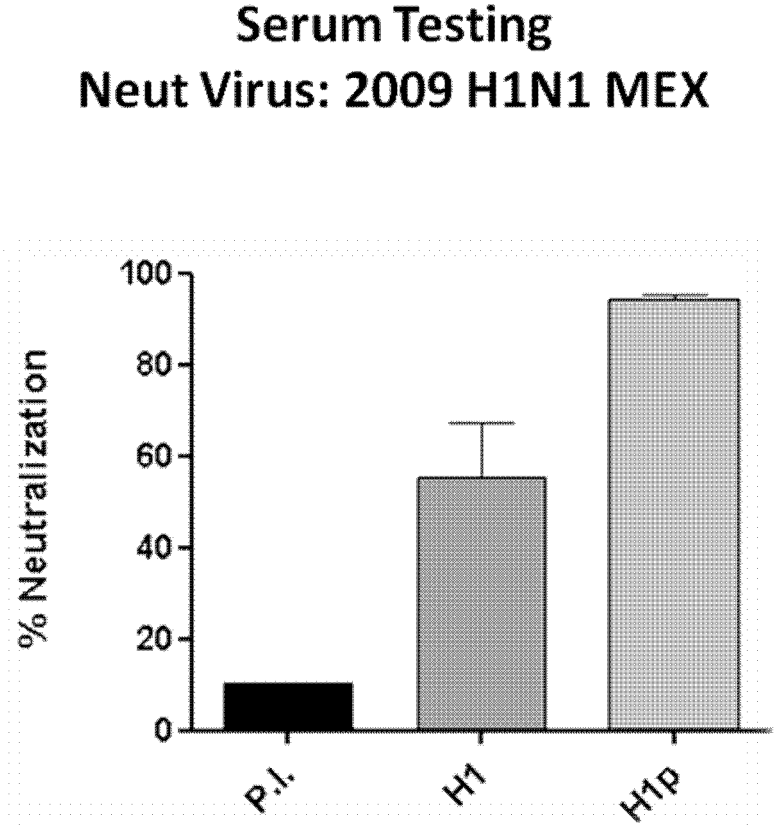

Serum Testing
Neut Virus: 2009 H1N1 MEX
100
80
60
40
20
0
% Neutralization
P.I.
H1
H1p

Fig. 11

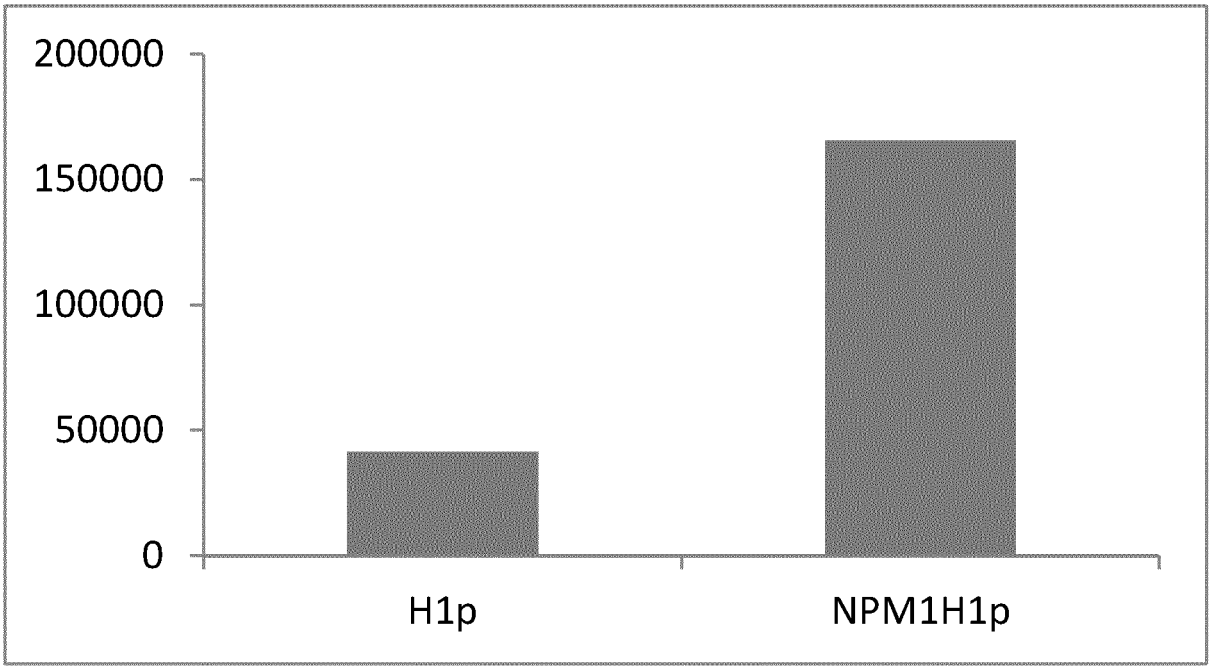

200000
150000
100000
50000
0
H1p
NPM1H1p

Fig. 12

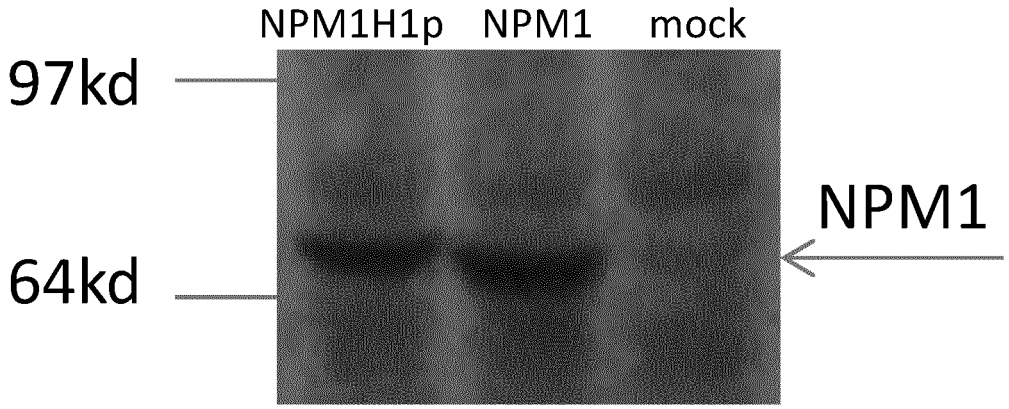

NPM1H1p
NPM1
mock
97kd
64kd
NPM1

Fig. 13

