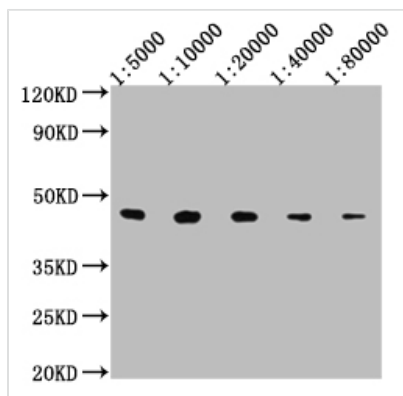




V5-Tag Monoclonal Antibody

Product Code	CSB-MA000161M0m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	GKIPNPLLGLDST synthetic peptide conjugate to KLH
Raised In	Mouse
Species Reactivity	All
Tested Applications	ELISA, WB, IF, IP, FC; Recommended dilution: WB: 1:2000-1:80000, IF: 1:100-1:200, IP: 2μl-5μl, FC: 1:100-1:300
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Target Names	V5-Tag
Clone No.	8A7A8

Image



Western Blot

Positive WB detected in: 50ng V5-tagged fusion protein

V5 Tag antibody at 1:5000, 1:10000, 1:20000, 1:40000, 1:80000

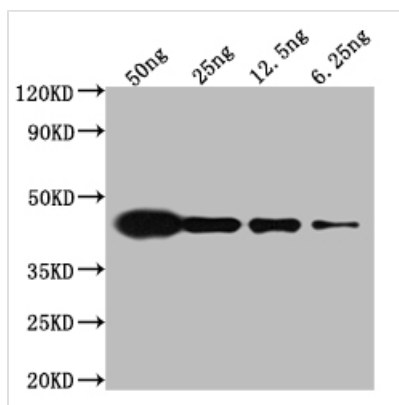
Secondary

Goat polyclonal to mouse IgG at 1/50000 dilution

Predicted band size: 37.8 KDa

Observed band size: 43 KDa

Exposure time: 10S



Western Blot

Positive WB detected in: Mouse anti V5 tag
Monoclonal antibody at 1:5000

Lane 1: Recombinant V5-tagged fusion protein
at 50ng

Lane 2: Recombinant V5-tagged fusion protein
at 25ng

Lane 3: Recombinant V5-tagged fusion protein
at 12.25ng

Lane 4: Recombinant V5-tagged fusion protein
at 6.25ng

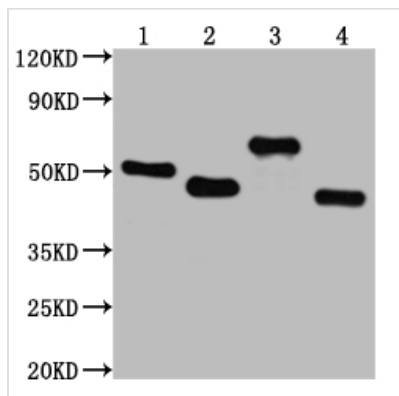
Secondary

Goat polyclonal to Mouse IgG at 1/50000 dilution

Predicted band size: 37.8 kd

Observed band size: 43 kd

Exposure time: 5min



Western Blot

Positive WB detected in: V5-tagged fusion
protein 1, 2, 3, 4 at 50ng

All lanes: V5 antibody at 1:2000

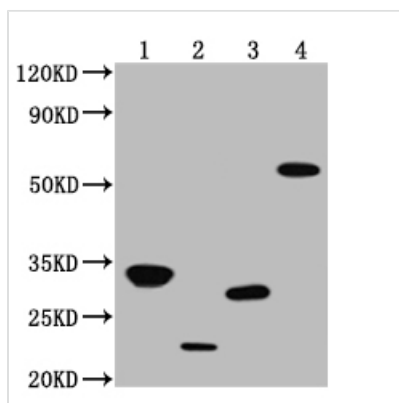
Secondary

Goat polyclonal to mouse IgG at 1/50000 dilution

Predicted band size: 50.2, 47.6, 66.7, 37.8 KDa

Observed band size: 52, 47, 67, 42 KDa

Exposure time: 30s



Western Blot

Positive WB detected in: V5-tagged fusion
protein 1, 2, 3, 4, at 50ng

All lanes: V5 antibody at 1:2000

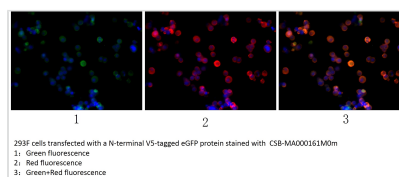
Secondary

Goat polyclonal to mouse IgG at 1/50000 dilution

Predicted band size: 31.9, 20.4, 24.2, 53.4 KDa

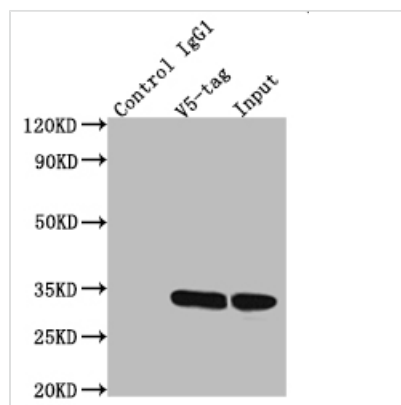
Observed band size: 32, 21, 28, 58 KDa

Exposure time: 5min



293F cells transfected with a N-terminal V5-tagged eGFP protein stained with CSB-MA000161M0m
1: Green fluorescence
2: Red fluorescence
3: Green+Red fluorescence

Immunofluorescence staining of transfected HEK293F cells with CSB-MA000161M0m at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor R-PE Goat Anti-Mouse IgG(H+L).



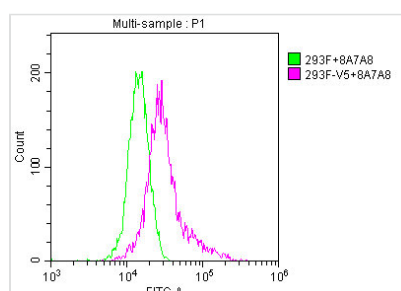
Immunoprecipitating V5 Tag in Transfected HEK293F cells whole cell lysate

Lane 1: Mouse control IgG1 instead of CSB-MA000161M0m in Transfected HEK293F cells whole cell lysate

Lane 2: CSB-MA000161M0m (2.5 μ l) + Transfected HEK293F cells whole cell lysate (500 μ g)

Lane 3: Transfected HEK293F cells whole cell lysate (20 μ g)

For western blotting, the blot was detected with CSB-MA000161M0m at 1:5000, and a HRP-conjugated Protein G antibody was used as the secondary antibody at 1:50000



Overlay histogram showing untransfected HEK293F cells (green line) or transfected HEK293F cells (red line) stained with CSB-MA000161M0m. The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1:200/1*10⁶cells) for 1 h at 4°C. The secondary antibody used was FITC goat anti-mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Acquisition of >10,000 events was performed.