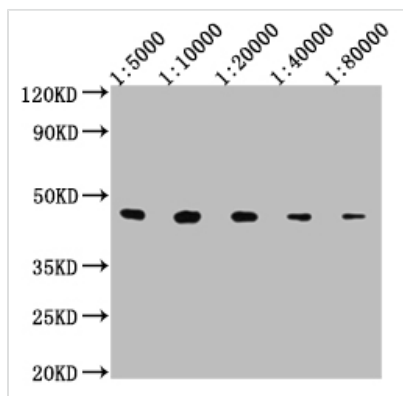




# V5-Tag Monoclonal Antibody

<b>Product Code</b>	CSB-MA000161M0m
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Immunogen</b>	GKPIPPLLGLDST synthetic peptide conjugate to KLH
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	All
<b>Tested Applications</b>	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
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein G purified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Target Names</b>	V5-Tag
<b>Clone No.</b>	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

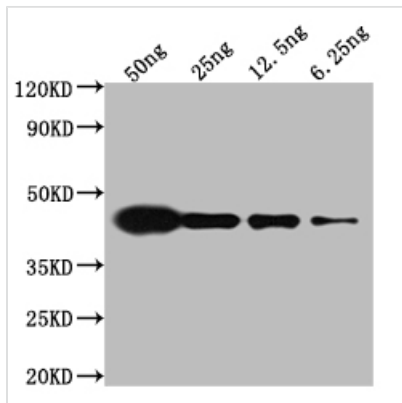
### Secondary

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

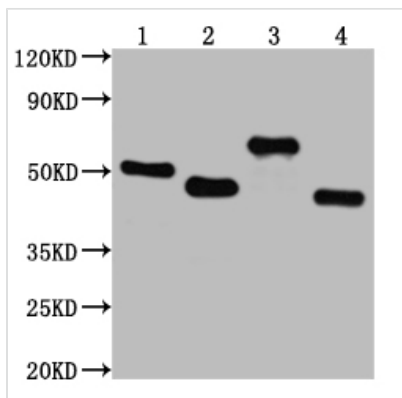
Secondary

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

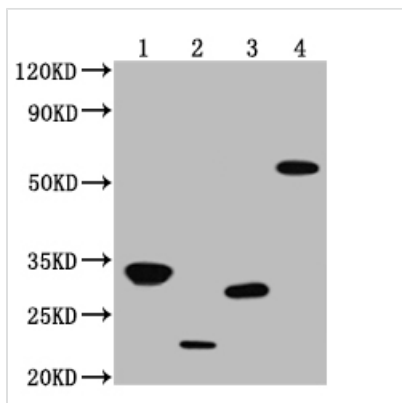
Secondary

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

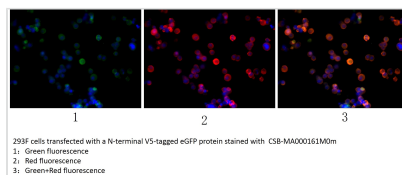
Secondary

Goat polyclonal to mouse IgG at 1/50000 dilution

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

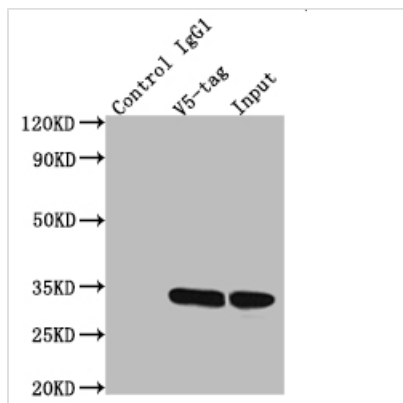
Observed band size: 32, 21, 28, 58 KDa

Exposure time: 5min

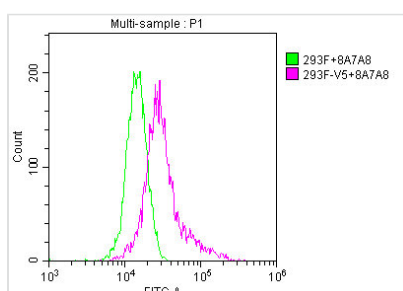


293F cells transfected with a N-terminal V5-tagged eGFP protein stained with CSB-MA000161M0m  
1: Green fluorescence  
2: Red fluorescence  
3: Green+Red fluorescence

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 (2.5µl) + Transfected HEK293F cells whole cell lysate (500µg)  
 Lane 3: Transfected HEK293F cells whole cell lysate (20µg)  
 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\*10<sup>6</sup>cells) 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.

**Usage**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.