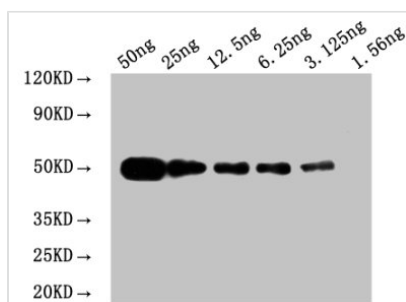




# Myc tag Monoclonal Antibody

<b>Product Code</b>	CSB-MA000041M0m
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Immunogen</b>	EQKLISEEDL (Myc) synthetic peptide conjugate to KLH
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Tested Applications</b>	ELISA, WB, IF, IP; Recommended dilution: WB:1:500-1:5000, IF:1:100-1:300, IP:1:1000-1:1500
<b>Relevance</b>	Myc tag is a polypeptide protein tag derived from the c-myc gene product that can be added to a protein. It can help to separate recombinant, overexpressed protein from wild type protein expressed by the host organism. Myc Tag also can be used to isolate protein complexes with multiple subunits. The Myc Tag Antibody is produced by the conjugation of a synthetic Myc tag peptide to KLH. Myc Tag Antibody can be used in various immunoassays, such as ELISA, Western blotting, immunoprecipitation, immunofluorescence, and more.
<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>	Tag Control Antibody
<b>Clone No.</b>	5F92F9

## Image



WB: Mouse anti Myc-tagged fusion protein

Monoclonal antibody at 1.6µg/ml

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

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

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

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

Lane 5: Recombinant Myc-tagged fusion protein at 3.125ng

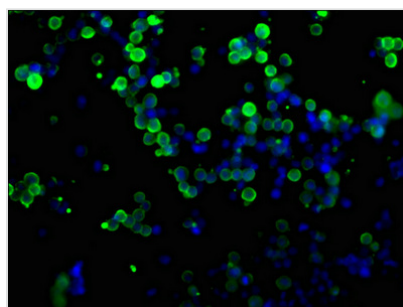
Lane 6: Recombinant Myc-tagged fusion protein at 1.5625ng

Secondary

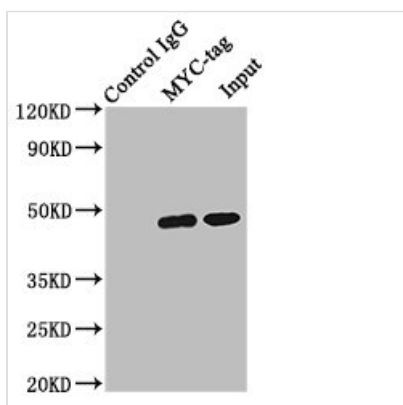
Goat polyclonal to Mouse IgG at 1/50000 dilution

Predicted band size: 50 kd

Observed band size: 50 kd



Immunofluorescence staining of transfected HEK293 cells with CSB-MA000041M0m 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 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunoprecipitating MYC-tag with transfected HEK293  
 Lane 1: Mouse control IgG (1µg) instead of CSB-MA000041M0m in transfected HEK293 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)  
 Lane 2: CSB-MA000041M0m (6µg) + transfected HEK293 whole cell lysate (1mg)  
 Lane 3: Transfected HEK293 whole cell lysate (10µg)