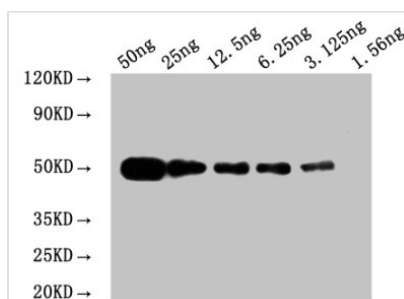




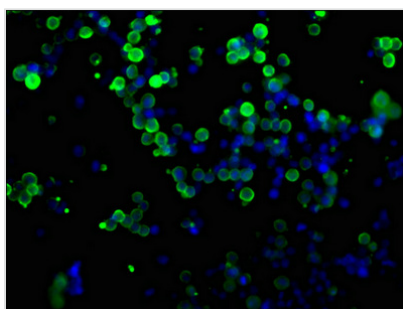
Myc tag Monoclonal Antibody

Product Code	CSB-MA000041M0m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	EQKLISEEDL (Myc) synthetic peptide conjugate to KLH
Raised In	Mouse
Species Reactivity	N/A
Tested Applications	ELISA, WB, IF, IP; Recommended dilution: WB:1:500-1:5000, IF:1:100-1:300, IP:1:1000-1:1500
Relevance	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.
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	Tag Control Antibody
Clone No.	5F92F9

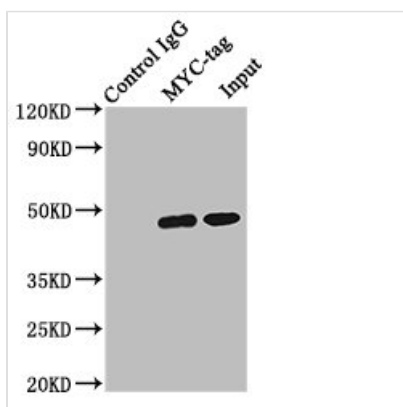
Image



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)

Usage

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