

Mouse DYKDDDDK-Tag Monoclonal Antibody

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300845	Mouse	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

DYKDDDDK-Tag; Monoclonal Antibody; DYKDDDDK-Tag Mouse Monoclonal Antibody; anti-DYKDDDDK-Tag antibody

PRODUCT SPECIFICATIONS

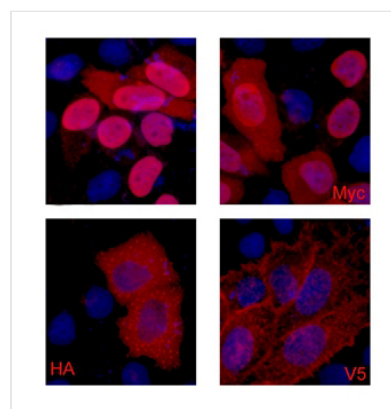
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for anti-DYKDDDDK-Tag antibody	IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Target Name	DYKDDDDK-tag
Specificity	The DYKDDDDK tag antibody can recognize C-terminal, internal and N-terminal DYKDDDDK-tag fusion proteins.
Preparation and Storage	Store at -20°C

IMAGES



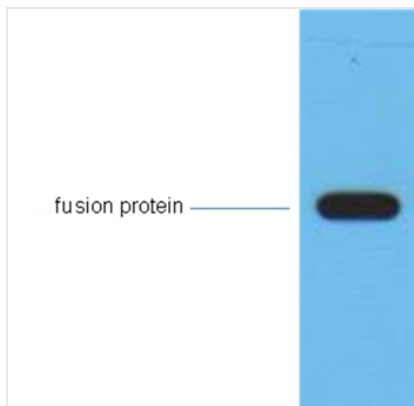
IP (Immunoprecipitation)

IP antibody use 15 ug DYKDDDDK Mouse IgG1 per mlLysate WB 1:50001 B'B untransfected 293 cell lysate2 B'B transfected 293 cell lysate with DYKDDDDK-tag fusion protein 3 B'B'IP(transfected 293+ normal Mouse IgG+Protein G agarose) 4 B'B'IP (transfected 293+anti-DYKDDDDK mAb+ Protein G agarose)5 B'B'IP(transfected 293+Protein G) 6 B'B'Recombinant protein (E. coli).



IF (Immunofluorescence)

IF analysis of 293 cells transfected with a DYKDDDDK-tag protein, using anti-DYKDDDDK-Tag Mouse mAb at a 1:2000 dilution (blue DAPI, red anti-DYKDDDDK).



Application Data

1ug DYKDDDDK fusion protein+ Primary antibody dilution at 1:10,000.

ADDITIONAL INFORMATION

Related Product Information for anti-DYKDDDDK-Tag antibody

The DYKDDDDK peptide (DYKDDDDK-tag) is a small component of an epitope which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. It has been used extensively as a general epitope tag in expression vectors. It can be used for affinity chromatography, then used to separate recombinant, overexpressed protein from wild-type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits. A DYKDDDDK-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against the studied protein, adding a DYKDDDDK-tag to this protein allows one to follow the protein with an antibody against the DYKDDDDK sequence.

Product Categories/Family for anti-DYKDDDDK-Tag antibody

[Tag Ab](#)

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dykdddk-tag-antibody-immunoprecipitation-immunofluorescence-western-blot-elisa/300845>