

Mouse anti-All DYKDDDDK-Tag Monoclonal Antibody

DYKDDDDK-Tag (3B9) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62295	Mouse	All	ELISA, Immunoprecipitation, Immunofluorescence, Western Blot

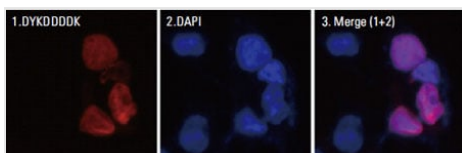
PRODUCT SYNONYMS

DYKDDDDK-Tag; Monoclonal Antibody; DYKDDDDK-Tag (3B9) Mouse mAb; anti-DYKDDDDK-Tag antibody

PRODUCT SPECIFICATIONS

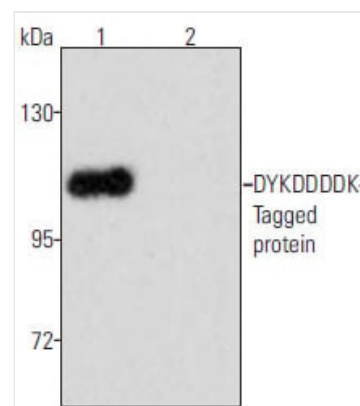
Host	Mouse
Reactivity	All
Clonality	Monoclonal
Isotype	Mouse IgG2b
Specificity	DYKDDDDK Tag Antibody detects exogenously expressed DYKDDDDK proteins in cells.
Applicable Applications for anti-DYKDDDDK-Tag antibody	ELISA, IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing animals with a synthetic DYKDDDDK peptide (KLH-coupled).
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



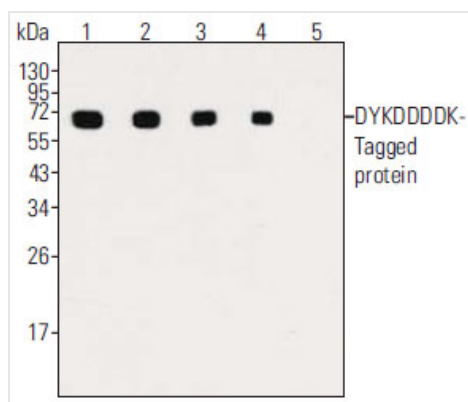
IF (Immunofluorescence)

IF analysis of 293T cells transfected with a DYKDDDDK-tagged protein using DYKDDDDK-Tag (3B9) Mouse mAb at a 1:1000 dilution.



WB (Western Blot)

Lane 1: 293T cell lysate transfected with DYKDDDDK-tag protein. Lane 2: Mock transfected 293T cell lysate. The antibody dilution is 1:100.



WB (Western Blot)

Western blot analysis of over-expressed DYKDDDDK-tagged protein in 293T cell lysate, using DYKDDDDK-tag (3B9) Mouse mAb. The antibody dilutions are 1:2000 (lane 1), 1:5000 (lane 2), 1:1000 (lane 3) and 1:20000 (lane 4). Each lane was loaded with 2 ug of cell lysate. Lane 5 is 2 ug of mock transfected cell lysate at a dilution of 1:5000.

ADDITIONAL INFORMATION

Related Product Information for anti-DYKDDDDK-Tag antibody	Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation and immunostaining techniques. Due to their small size, they are unlikely to affect the tagged protein's biochemical properties. The DYKDDDDK peptide has been used extensively as a general epitope tag in expression vectors. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion.
Product Categories/Family for anti-DYKDDDDK-Tag antibody	Tag
References	1. JNK1 negatively controls antifungal innate immunity by suppressing CD23 expression. <i>Nat Med.</i> 2017 Mar; 23(3):337-346. 2. RGF1 INSENSITIVE 1 to 5, a group of LRR receptor-like kinases, are essential for the perception of root meristem growth factor 1 in <i>Arabidopsis thaliana</i>. <i>Cell Res.</i> 2016 Jun; 26(6):686-983. Degradation of MONOCULM 1 by APC/C(TAD1) regulates rice tillering. <i>Nat Commun.</i> 2012 Mar 20; 3:750. 4. Loss of RIG-I leads to a functional replacement with MDA5 in the Chinese tree shrew. <i>Proc Natl Acad Sci U S A.</i> 2016 Sep 27; 113(39):10950-55. SINAT E3 Ligases Control the Light-Mediated Stability of the Brassinosteroid-Activated Transcription Factor BES1 in <i>Arabidopsis</i>. <i>Dev Cell.</i> 2017 Apr 10; 41(1):47-58.e46. The E3 Ligase DROUGHT HYPERSENSITIVE Negatively Regulates Cuticular Wax Biosynthesis by Promoting the Degradation of Transcription Factor ROC4 in Rice. <i>Plant Cell.</i> 2017 Dec 13. pii: tpc.00823.2017.7. Interaction of amyotrophic lateral sclerosis/frontotemporal lobar degeneration-associated fused-in-sarcoma with proteins involved in metabolic and protein degradation pathways. <i>Neurobiol Aging.</i> 2015 Jan; 36(1):527-35. 8. A novel P53/POMC/Galphas/SASH1 autoregulatory feedback loop activates mutated SASH1 to cause pathologic hyperpigmentation. <i>J Cell Mol Med.</i> 2017 Apr; 21(4):802-815. 9. Proteomics strategy to identify substrates of LNX, a PDZ domain-containing E3 ubiquitin ligase. <i>J Proteome Res.</i> 2012 Oct 5; 11(10):4847-62. 10. HSP40 interacts with pyruvate kinase M2 and regulates glycolysis and cell proliferation in tumor cells. <i>PLoS One.</i> 2014 Mar 21; 9(3):e92949

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/62295>