Mouse DYKDDDDK peptide Monoclonal Antibody | anti-DYKDDDDK antibody

Mouse Anti DYKDDDDK peptide

CATALOG #	HOST	APPLICATIONS
AAA37906	**Mouse**	**ELISA**

PRODUCT SYNONYMS

DYKDDDDK peptide; Monoclonal Antibody; Mouse Anti DYKDDDDK peptide; DYKDDDDK Antibody; Mouse Antibody; anti-DYKDDDDK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1/kappa
Clone Number	NYRFLAG
Purity/Purification	Protein A & Ion exchange column.
Concentration	1mg/ml in PBS (after reconstitution). (varies by lot)
Sequence Length	137
Applicable Applications for anti-DYKDDDDK antibody	ELISA
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Reconstitution	Reconstitute with H20 to get a 1 mg/ml concentration. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.
Note	The antibody was produced in BALB/c mice. Will recognize (DYKDDDDK) conjugated at either the amino or carboxy terminus. Can be used bound to various resins for affinity purifications.
Immunogen	DYKDDDDK-conjugated proteins.
Preparation and Storage	In lyophilized form, for long periods, store at 4 degree C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20 degree C. Antibody is shipped lyophilized at ambient temperature.

ADDITIONAL INFORMATION

Related Product Information for anti-DYKDDDDK antibody	**Introduction:** A fusion tag called DYKDDDDK consists of eight amino acids (AspTyrLysAspAspAspAspLys) including an enterokinase-cleavage site. DYKDDDDK is specifically designed for immunoaffinity chromatography. It allows elution under non-denaturing conditions. Several antibodies against this peptide have been developed. One antibody. denoted as M1. binds the peptide in the presence of bivalent metal cations. preferably Ca(+). Elution is effected by chelating agents. Another strategy is competitive elution with excess of free DYKDDDDK Peptide.The DYKDDDDK peptide purifies and detects recombinant fusion proteins. DYKDDDDK peptide is useful in Western blotting, immunocytochemistry, immunoprecipitation, flow cytometry, protein purification, and in the study of protein-protein interactions, cell ultrastructure, and protein localization. DYKDDDDK peptide is a hydrophilic tag which significantly improves the detection and purification of recombinant fusion proteins.
Product Categories/Family for anti-DYKDDDDK antibody	Monoclonal/Polyclonal Antibodies; Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	226941620
NCBI GeneID	7758314
NCBI Accession #	YP_002796694.1
NCBI GenBank Nucleotide #	NC_012559.1
Molecular Weight	15,150 Da
NCBI Official Full Name	DYKDDDDK
UniProt Protein Name	DYKDDDDK
UniProt Gene Name	**DYKDDDDK**
UniProt Entry Name	C1DCR6_LARHH

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/dykddddk-peptide-antibody-clone-nyrflag-elisa/37906