For Research Use Only

DDDDK tag Monoclonal antibody (Binds to FLAG® tag epitope)

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Antibodies | ELISA kits | Proteins
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Catalog Number:60002-1-Ig 11 Publications

Basic Information

Catalog Number:
60002-1-Ig

Size:
700 μg/ml

Source:
Mouse

Isotype:
IgG2b

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:
Antigen affinity purification

CloneNo.:
1C1D2

Recommended Dilutions:
WB 1:2000-1:16000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:
IP, WB, ELISA

Cited Applications:
IP, WB

Species Specificity:
recombinant protein

Positive Controls:

WB : Recombinant Protein,

IP : Recombinant protein protein,

Background Information

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. The DYKDDDDK(FLAG) peptide has been used extensively as a general tag in expression vectors. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion. N-terminal DDDDK vectors provide an Ek cleavage site for removal of the fusion tag. The DDDDK peptide is likely to be located on the surface of a fusion protein because of its hydrophilic nature. As a result, the DDDDK peptide is more likely to be accessible to antibodies. A DDDDK-tag can be used in many different assays that require recognition by an antibody, such as western blotting, immunocytochemistry, immunoprecipitation, flow cytometry, protein purification, and in the study of protein-protein interactions, cell ultrastructure, and protein localization and so on. This antibody is a mouse monoclonal antibody raised against 3xFlag (3xDYKDDDDKT) sequence and recognizes the (3x)DYKDDDDK peptide and detects DDDDK-tagged proteins.

Notable Publications

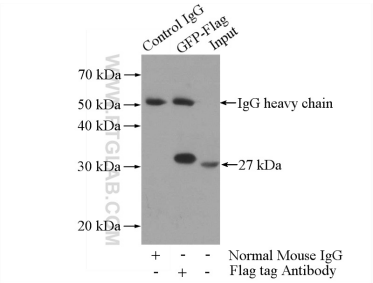
Author	Pubmed ID	Journal	Application
S Prpar Mihevc	27665936	Sci Rep	
Jun Kang	33148796	J Virol	WB
Xiang Rong R	19521671	Mol Cell Biochem	WB,IP

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



IP result of anti-DDDDK tag (IP:60002-1-Ig, 3ug; Detection:20543-1-AP 1:2000) with Recombinant protein protein lysate 1280ug.