For Research Use Only

HRP-conjugated DYKDDDDK Tag Monoclonal antibody (Binds to FLAG® tag epitope)

Catalog Number:HRP-66008 54 Publications

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Basic Information

Catalog Number:
HRP-66008

Source:
Mouse

Isotype:
IgG2b

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:
Protein A purification

CloneNo.:
8H6A10

Recommended Dilutions:
WB: 1:10000-1:100000

Applications

Tested Applications:
WB

Cited Applications:
WB, CoIP, ELISA

Species Specificity:
recombinant protein

Cited Species:
human, mouse

Positive Controls:

WB : Recombinant protein,

Background Information

DYKDDDDK tag, also known as DDK tag, is a hydrophilic tag for recombinant protein technology with the sequence DYKDYKDDDDK. The structure of DYKDDDDK tag has been optimized for compatibility with the proteins it is attached to and unlikely to denature or inactivated them. For its high hydrophilic nature, the DYKDDDDK tag is likely to be located on the surface of a fusion protein, which enables the tag more likely to be accessible to antibodies. This product is generated against 1xDYKDDDDK tag (DYKDDDDK) and can recognize protein containing one or more DYKDDDDK tags, no matter it is/they are located at N-terminal, C-terminal or at internal regions. The binding of this product with DYKDDDDK tagged fusion protein does not depend on calcium ion. The clone of this monoclonal antibody hybridoma is 1E7B4, which is different from any other vendors. This antibody is HRP conjugated DYKDDDDK Tag antibody. Anti-FLAG is a registered trademark of Sigma-Aldrich Biotechnology.

Notable Publications

Author	Pubmed ID	Journal	Application
Ruchi Ojha	34543105	J Bacteriol	WB
Guizhong Zhang	30219230	Biochem Biophys Res Commun	
Lu Liu	29285117	Exp Ther Med	

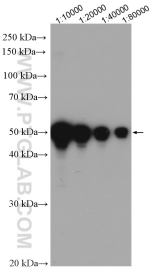
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with HRP-66008 (DYKDDDDK Tag antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.