

For Research Use Only



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

Catalog Number: ~~HRP-66008~~ **5 Publications**

Basic Information

Catalog Number: HRP-66008	GenBank Accession Number: GeneID (NCBI):	Purification Method: Protein A purification
Size: 100ul , Concentration: 1500 µg/ml by Bradford method using BSA as the standard;	Full Name:	CloneNo.: 1E7B4
Source: Mouse		Recommended Dilutions: WB 1:10000-1:100000
Isotype: IgG2b		

Applications

Tested Applications: WB	Positive Controls: WB : Recombinant protein,
Cited Applications: WB	
Species Specificity: 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 1x DYKDDDDK 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	
Zhen Wu	28928838	Oncol Lett	WB

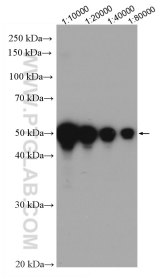
Storage

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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.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.