

For Research Use Only

DYKDDDDK tag Monoclonal antibody, PBS Only (Binds to FLAG® tag epitope)



Catalog Number: **66008-4-PBS**

Basic Information

Catalog Number: 66008-4-PBS	GenBank Accession Number: GeneID (NCBI):	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	Full Name:	CloneNo.: 8H6A10
Source: Mouse		
Isotype: IgG2b		

Applications

Tested Applications:

WB, IP, IF, ELISA

Species Specificity:

recombinant protein

Background Information

DYKDDDDK Tag (Equivalent To FLAG Antibody From Sigma) with the following sequence DYKDDDDK, is a hydrophilic tag for recombinant protein technology. Tags can be used as a tool to localize gene products in a variety of cell types, study proteins topology, and also help to identify and characterize new, low abundance or poorly immunogenic proteins. Due to its high hydrophilic character, the DYKDDDDK tag is likely to be located on the surface of a fusion protein, which enables the tag to be accessible for antibodies. DYKDDDDK Tag Antibody is generated against 1x DYKDDDDK tag (DYKDDDDK) and can recognize protein containing one or more DYKDDDDK tags, independently on N-terminal, C-terminal or internal regions of the target protein. Anti-FLAG is a registered trademark of Sigma-Aldrich Biotechnology.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS only

Aliquoting is unnecessary for -20°C storage

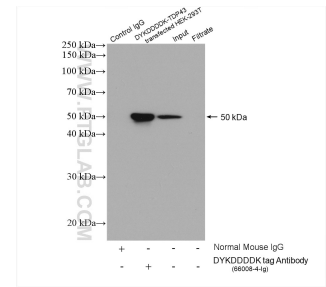
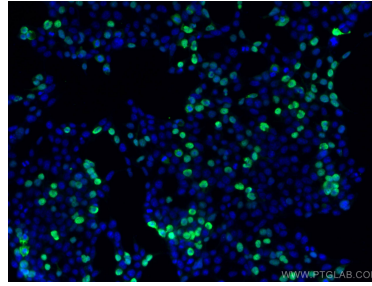
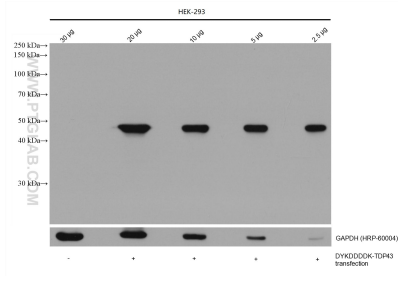
For technical support and original validation data for this product please contact:

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Selected Validation Data



HEK-293 and different loading amount of DYKDDDDK tagged TDP-43 transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 66008-4-Ig (DYKDDDDK tag antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was re-blotted with GAPDH antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 66008-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed DYKDDDDK-TDP43 Transfected HEK-293 cells using DYKDDDDK tag antibody (66008-4-Ig, Clone: 8H6A10) at dilution of 1:2000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66008-4-PBS in a different storage buffer formulation.

IP result of anti-DYKDDDDK tag (IP:66008-4-Ig, 5 ug; Detection:80010-1-RR 1:10000) with Transfected HEK-293T cells lysate 250 ug. This data was developed using the same antibody clone with 66008-4-PBS in a different storage buffer formulation.