

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

Size:

100ug , Concentration: 1mg/ml by  
Nanodrop;

Source:

Mouse

Isotype:

IgG2b

GenBank Accession Number:

GeneID (NCBI):

8

Full Name:

Flag Tag

Purification Method:

Protein A purification

CloneNo.:

8H6A10

## Applications

Tested Applications:

WB, IF/ICC, FC (Intra), IP, 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 -80°C.

Storage Buffer:

PBS Only

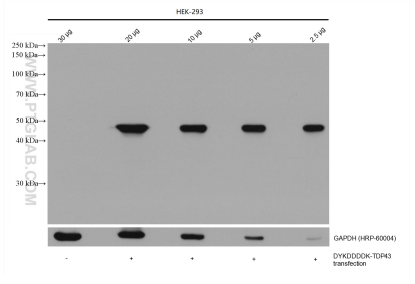
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

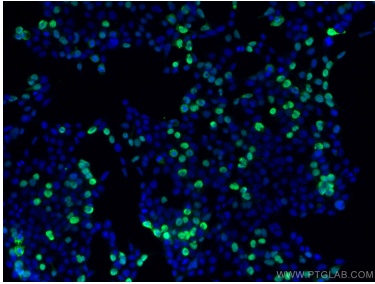
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

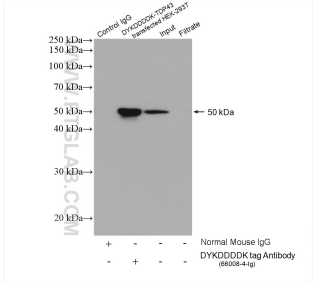
Selected Validation Data



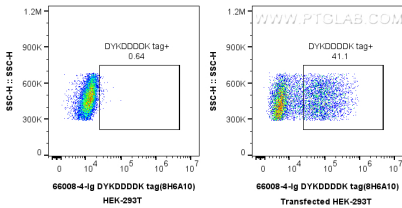
HEK-293 and different loading amount of DYKDDDDK tagged TDP-43 transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 66008-4-Ig (DYKDDDDK tag antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was re-blotted with GAPDH antibody (HRP-60004) 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.



1x10<sup>6</sup> Transfected HEK-293 cells were intracellularly stained with 0.25 ug DYKDDDDK tag Monoclonal antibody (Binds to FLAG® tag epitope) (66008-4-Ig, Clone:8H6A10) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66008-4-PBS in a different storage