

For Research Use Only



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

Catalog Number: **80010-1-PBS**

## Basic Information

<b>Catalog Number:</b> 80010-1-PBS	<b>GenBank Accession Number:</b> GeneID (NCBI):	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>Full Name:</b>	<b>CloneNo.:</b> 4K14
<b>Source:</b> Rabbit		
<b>Isotype:</b> IgG		
<b>Immunogen Catalog Number:</b> AG2329		

## Applications

**Tested Applications:**  
IP, IF, Indirect 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 DDDDK 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

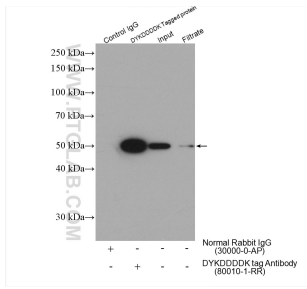
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

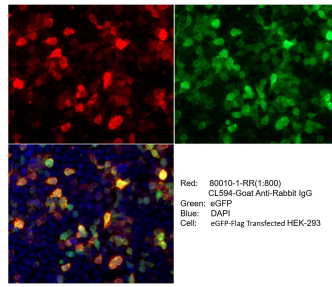
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



IP result of anti-DYKDDDDK tag (IP:80010-1-RR, 2.5 ug; WB:66008-3-Ig, 1:3000) with Transfect HEK-293 cells lysate 768 ug. This data was developed using the same antibody clone with 80010-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 (eGFP-DYKDDDDK transfected) cells using DYKDDDDK tag antibody (80010-1-RR, Clone: 4K14) at dilution of 1:800 and CoraLite®594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), eGFP (Green), DYKDDDDK (Red), DAPI (Blue). This data was developed using the same antibody clone with 80010-1-PBS in a different storage buffer formulation.