

For Research Use Only

# CoraLite® Plus 647-conjugated DYKDDDDK tag Recombinant antibody (Binds to FLAG® tag epitope)

Catalog Number: CL647-80010

2 Publications



## Basic Information

Catalog Number:

CL647-80010

GenBank Accession Number:

GeneID (NCBI):

Size:

100ul , Concentration: 1000 µg/ml by  
Nanodrop;

Full Name:

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2329

Purification Method:

Protein A purification

CloneNo.:

4K14

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

IF/ICC

Cited Applications:

IF

Species Specificity:

recombinant protein

Positive Controls:

IF/ICC : Transfected HEK-293 cells,

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jingjing Liang	39138205	Nat Commun	IF
Chunlin Lin	37573425	Oncogenesis	IF

## 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:

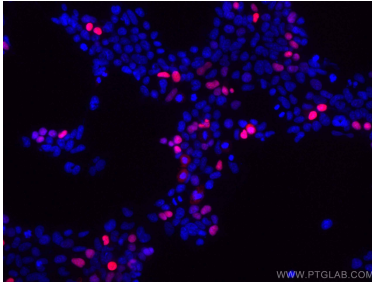
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](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



Immunofluorescent analysis of (-20°C Ethanol)  
fixed Transfected HEK-293 cells using CoraLite®  
Plus 647 DYKDDDDK tag antibody (CL647-80010,  
Clone: 4K14 ) at dilution of 1:200.