

For Research Use Only



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

Catalog Number: **CL647-80010** **1 Publications**

Basic Information

Catalog Number: CL647-80010
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;
Source: Rabbit
Isotype: IgG
Immunogen Catalog Number: AG2329

GenBank Accession Number:
GeneID (NCBI):
Full Name:

Purification Method: Protein A purification
CloneNo.: 4K14
Recommended Dilutions: IF 1:50-1:500
Excitation/Emission maxima wavelengths: 654 nm / 674 nm

Applications

Tested Applications: IF
Cited Applications: IF
Species Specificity: recombinant protein
Cited Species: human

Positive Controls:
IF : 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
Chunlin Lin	37573425	Oncogenesis	IF

Storage

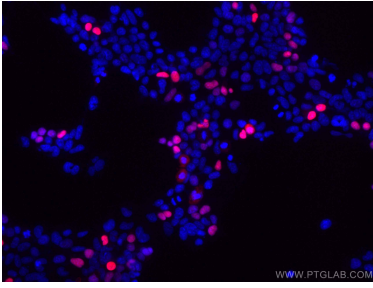
Storage: Store at -20°C. Avoid exposure to light.
Storage Buffer: PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



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.