

For Research Use Only

CoraLite®594-conjugated DYKDDDDK Monoclonal antibody (Binds to FLAG® tag epitope)

Catalog Number: CL594-66008

2 Publications



Basic Information

Catalog Number:

CL594-66008

Size:

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

Source:

Mouse

Isotype:

IgG2b

GenBank Accession Number:

GeneID (NCBI):

8

UNIPROT ID:

FLAGTAG

Full Name:

Flag Tag

Purification Method:

Protein A purification

CloneNo.:

8H6A10

Recommended Dilutions:

IF/ICC: 1:50-1:500

FC (Intra): 0.40 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Cited Applications:

IF

Species Specificity:

recombinant protein

Cited Species:

human

Positive Controls:

IF/ICC : Transfected HEK-293 cells,

FC (Intra) : Transfected HEK-293T 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 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Chunming Gu	36109490	Oncogenesis	IF
Peilu She	39747914	Nat Commun	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, pH7.3

Aliquoting is unnecessary for -20°C storage

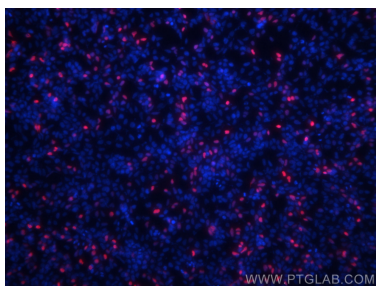
For technical support and original validation data for this product please contact:

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

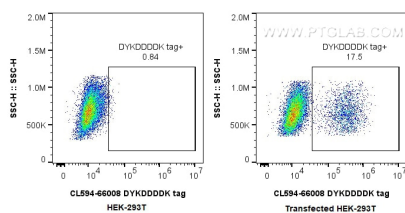
E: proteintech@ptglab.com
W: ptglab.com

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®594 DYKDDDDK antibody (CL594-66008, Clone: 8H6A10) at dilution of 1:200.



1x10⁶ Transfected HEK-293T cells were intracellularly stained with 0.4 ug CoraLite®594-conjugated DYKDDDDK Monoclonal antibody (Binds to FLAG® tag epitope) (CL594-66008, Clone:8H6A10). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).