

For Research Use Only



CoraLite® Plus 488-conjugated DYKDDDDK Monoclonal antibody (Binds to FLAG® tag epitope)

Catalog Number: **CL488-66008**

Basic Information

Catalog Number:

CL488-66008

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2b

GenBank Accession Number:

GeneID (NCBI):

8

Full Name:

Flag Tag

Purification Method:

Protein A purification

CloneNo.:

1E7B4

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

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 DDDDK tag is likely to be located on the surface of a fusion protein, which enables the tag to be accessible for antibodies. DDDDK 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 -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:

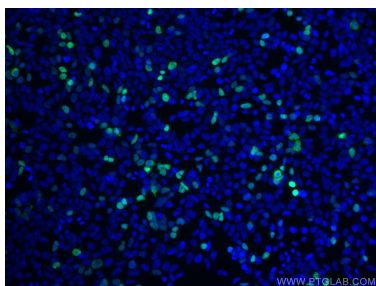
T: 4006900926

E: Proteintech-CN@ptglab.com

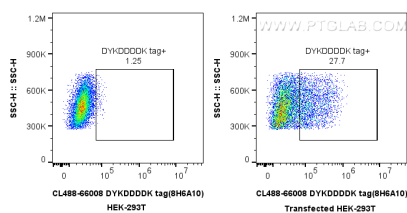
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using the CoraLite® Plus 488-conjugated version of this antibody, CL488-66008-3 (DDDDK tag antibody), at dilution of 1:100.



1x10⁶ Transfected HEK-293T cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated DYKDDDK Monoclonal antibody (Binds to FLAG® tag epitope) (CL488-66008, Clone:1E7B4)(red). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).