

For Research Use Only

CoraLite® Plus 750-conjugated DYKDDDDK tag Recombinant antibody (Binds to FLAG® tag epitope)

Catalog Number: CL750-80010



Basic Information

Catalog Number:

CL750-80010

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2329

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

4K14

Recommended Dilutions:

WB 1:1000-1:4000

Excitation/Emission maxima
wavelengths:

755 nm / 780 nm

Applications

Tested Applications:

WB

Species Specificity:

recombinant protein

Positive Controls:

WB : 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 -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:

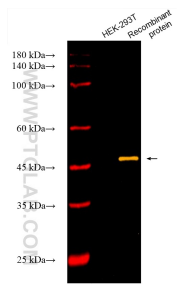
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-80010 (DYKDDDDK tag antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.

1x10⁶ Transfected HEK-293 cells were intracellularly stained with 0.4 ug Coralite® Plus 750-conjugated DYKDDDDK tag Recombinant antibody (Binds to FLAG® tag epitope) (CL750-80010, Clone:4K14)(red). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).