

For Research Use Only

HRP-conjugated DYKDDDDK tag Recombinant antibody (Binds to FLAG® tag epitope)

Catalog Number: HRP-80801-2



Basic Information

Catalog Number:

HRP-80801-2

GenBank Accession Number:

GeneID (NCBI):

8

Size:

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

Full Name:

Flag Tag

Purification Method:

Protein A purification

CloneNo.:

240568A11

Source:

Rabbit

Recommended Dilutions:

WB 1:1000-1:8000

Isotype:

IgG

Immunogen Catalog Number:

AG2329

Applications

Tested Applications:

WB

Positive Controls:

WB : Transfected HEK-293 cells,

Species Specificity:

recombinant protein

Background Information

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. The DYKDDDDK(FLAG) peptide has been used extensively as a general tag in expression vectors. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion. N-terminal DDDDK vectors provide an Ek cleavage site for removal of the fusion tag. The DDDDK peptide is likely to be located on the surface of a fusion protein because of its hydrophilic nature. As a result, the DDDDK peptide is more likely to be accessible to antibodies. A DDDDK-tag can be used in many different assays that require recognition by an antibody, such as western blotting, immunocytochemistry, immunoprecipitation, flow cytometry, protein purification, and in the study of protein-protein interactions, cell ultrastructure, and protein localization and so on. This antibody is a rabbit recombinant antibody raised against 3xFlag (3xDYKDDDDKT) sequence and recognizes the (1x) and (3x)DYKDDDDK peptide and detects DDDDK-tagged proteins. 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

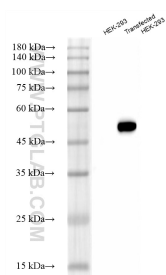
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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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 HRP-80801-2 (DYKDDDDK tag antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.