

For Research Use Only



# DYKDDDDK tag Recombinant antibody (Binds to FLAG® tag epitope)

Catalog Number: **80801-2-RR**

## Basic Information

Catalog Number:

80801-2-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2329

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

240568A11

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

recombinant protein

Positive Controls:

WB: TDP-43-flag Transfected HEK-293T cells,

## 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 polyclonal 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

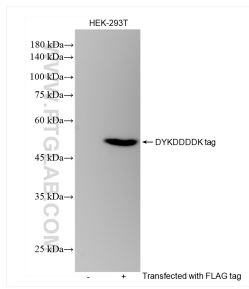
T: 4006900926

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W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



TDP-43-flag Transfected HEK-293T cells were subjected to SDS PAGE followed by western blot with 80801-2-RR (Ag2329 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.