



Rabbit anti FLAG-Tag (DYKDDDDK) Polyclonal Antibody

Alternative Name(s): DYKDDDDK

Order Information

- **Description:** FLAG-Tag (DYKDDDDK)
- **Catalogue:** 610-020
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** WB,
- **Reactivity:** FLAG-Tag

ANTIGEN PREPARATION

A synthetic peptide of DYKDDDDK conjugated to a carrier protein

BACKGROUND

Many oligo peptides or tag proteins are widely used as a tag to monitor the protein expression, such as FLAG, c-Myc, E-tag, His-tag, GFP, GST, and etc. These tag antibodies provide tools to localize gene products in a variety of cell types to study the topology of proteins, and protein complexes, and to identify associated proteins. In addition, this antibody allows characterizing of newly identified, lowing abundance or poorly immunogenic proteins when protein specific antibodies are not available. The FLAG antibody is generated according to the 8 amino acid hydrophilic epitope tag (DYKDDDDK), and it can be used to detect the FLAG tagged fusion proteins.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes FLAG tagged fusion proteins. It is a tag antibody.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C . The antibodies can be stored at 2°C - 8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 $\mu\text{g/ml}$
- ELISA: 0.01-0.1 $\mu\text{g/ml}$
- Immunoprecipitation: 2-5 $\mu\text{g/ml}$
- IHC: 2-10 $\mu\text{g/ml}$
- Flow cytometry: Not tested
- Molecular Weight: nan
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Western Blot: The whole cell lysate from the over-expressed FLAG-tagged recombinant protein immunoblotted by Rabbit anti-FLAG-tag antibody (Cat#610-020) at 1:1000. Lane 2 was negative control. Observed a major immunoreactive band corresponding to the FLAG-tagged protein.

REFERENCES

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