

Description: Rabbit anti-FLAG tag  
 Catalogue#: 610-020  
 Lot#: See the label  
 Size: 100 µg/200 µl  
 Host: Rabbit  
 Clone: N/A  
 Application: ELISA, WB, IP  
 Reactivity: Tag Antibody

## Rabbit anti FLAG tag Polyclonal Antibody

Alternate Names: DYKDDDDK

### 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 Chromatography.

### SPECIFICITY

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

### FORMULATION

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

### STORAGE

The antibodies are stable for 12 months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . The antibodies can be stored at  $2^{\circ}\text{C}$ - $8^{\circ}\text{C}$  for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

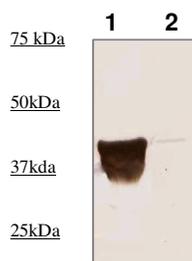
### APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	2-5 µg/ml
IHC	Not tested
Flow cytometry	Not tested

<b>MOLECULAR WEIGHT:</b>	N/A
<b>POSITIVE CONTROL:</b>	FLAG tagged fused proteins
<b>CELLULAR LOCATION:</b>	N/A

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

### DATA ATTACHMENTS



**Western Blot:** The whole cell lysate from the over-expressed FLAG tagged recombinant protein was resolved onto 10% SDS-PAGE, then transferred onto NC membrane. Followed by an immune-blotting with Rabbit anti-FLAG (Cat#610-020) at 1:1000. Lane 2 was pre-incubated by immunizing peptide.

### REFERENCES

Brizzard, B.L. et al. Immunoaffinity Purification of FLAG Epitope-Tagged Bacterial Alkaline Phosphatase Using a Novel Monoclonal Antibody and Peptide Elution. *BioTechniques* **1994**, 16, 730-735.

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AMSBIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto:info@amsbio.com)



**UK & Rest of the World**  
 184 Park Drive, Milton Park  
 Abingdon, UK  
 T: +44 (0)1235 828 200  
 F: +44 (0) 1235 820 482



**North America**  
 1035 Cambridge Street,  
 Cambridge, MA 02141  
 T: +1 617 945 5033 or  
 T: +1 800 987 0985  
 F: +1 617 945 8218



**Germany**  
 Bockenheimer Landstr. 17/19  
 60325 Frankfurt/Main  
 T: +49 (0) 69 779099  
 F: +49 (0) 69 13376880



**Switzerland**  
 Centro Nord-Sud 2E  
 CH-6934 Bioggio-Lugano  
 T: +41(0) 91 604 55 22  
 F: +41(0) 91 605 17 85