

# AbboMax, Inc

Innovation at Work

## 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.

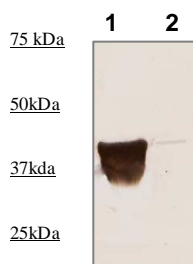
### SPECIFICITY

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

### 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

### 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.

### Order Information

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

<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.

### 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.

**FOR RESEARCH USE ONLY.**

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