

# Affinity Gel-conjugated Mouse anti DDDDK-Tag mAb {Anti-DDDDK Affinity Gel}

Catalog No.: AE061 **8 Publications**

## Basic Information

### Observed MW

Refer to Figures

### Calculated MW

### Category

Tag antibody

### Applications

IP

### Cross-Reactivity

Species independent

### CloneNo number

AMC0382

### Conjugate

Affinity Gel

## Recommended Dilutions

**Binding Cap** 1.1 mg Flag protein/mL

## Background

FLAG-tag, or FLAG octapeptide, or FLAG epitope, is a polypeptide protein tag that can be added to a protein using recombinant DNA technology, having the sequence motif DYKDDDDK. It has been used for studying proteins in living cells and for protein purification by affinity chromatography. It has been used to separate recombinant, overexpressed protein from wild-type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits, because its mild purification procedure tends not to disrupt such complexes. It has been used to obtain proteins of sufficient purity and quality to carry out 3D structure determination by x-ray crystallography. A FLAG-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against a given protein, adding a FLAG-tag to a protein allows the protein to be studied with an antibody against the FLAG sequence. Examples are cellular localization studies by immunofluorescence or detection by SDS PAGE protein electrophoresis and Western blotting.

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

DDDDK;DDDDK tag;DDDDK-tag

## Contact

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## Product Information

### Source

Mouse

### Isotype

IgG2b,Kappa

### Purification

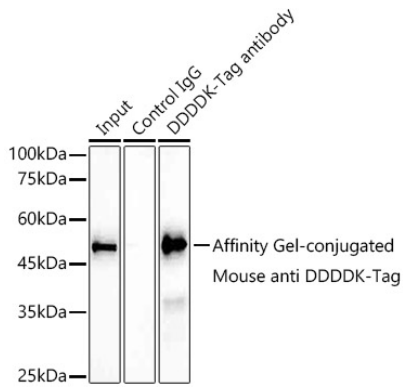
Affinity purification

### Storage

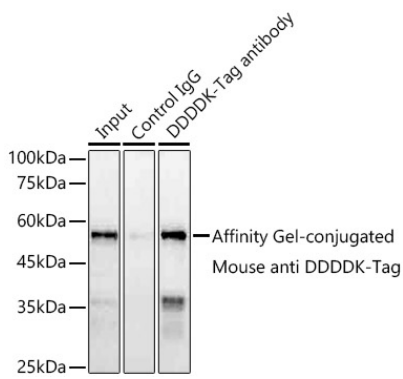
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Immunoprecipitation analysis of 300ug extract cell lysate from 293T cells transfected with GSK3B expression vector containing a DDDDK-tag with 30uL Affinity Gel-conjugated Mouse anti DDDDK-Tag mAb {Anti-DDDDK Affinity Gel} (AE061). Western blot was performed from the immunoprecipitate using Rabbit anti DDDDK-Tag antibody at 1:10000 dilution.



Immunoprecipitation analysis of 300 ug extract cell lysate from 293T cells transfected with IRF1 expression vector containing a DDDDK-tag with 30 uL Affinity Gel-conjugated Mouse anti DDDDK-Tag mAb {Anti-DDDDK Affinity Gel} (AE061). Western blot was performed from the immunoprecipitate using Rabbit anti DDDDK-Tag antibody at 1:10000 dilution.