

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

Catalog No.: AE121 **5 Publications**

## Basic Information

### Observed MW

40kDa

### Calculated MW

### Category

Tag antibody

### Applications

IP

### Cross-Reactivity

Species independent

### CloneNo number

ARC5111-01

### Conjugate

Affinity Gel

## Recommended Dilutions

**IP** 20µl-40µl Affinity Gel for  
100µg-300µg extracts of  
whole cells

## Contact

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## 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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Immunoprecipitation of DDDDK-Tag in 150 µg extracts from 293F cells transfected with DDDDK-Tag using 20 µl Affinity Gel-conjugated Rabbit anti C mAb {Anti-DDDDK Affinity Gel} (AE121). Western blot analysis was performed using HRP-conjugated Mouse anti DDDDK-Tag mAb(AE024) at 1:5000 dilution.

