HRP-conjugated Mouse anti DDDDK-Tag mAb

ABclomal[®]

Catalog No.: AE024 16 Publications

Basic Information

Observed MW 50kDa/46kDa

Calculated MW

Category Tag antibody

Applications WB,ELISA

Cross-Reactivity Species independent

CloneNo number AMC0382-HRP

Conjugate HRP

Recommended Dilutions

WB	1:5000 - 1:25000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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** IgG1,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.

