AE095

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# HRP-conjugated Rabbit anti DDDDK-Tag mAb

**Catalog No.: AE095**

## Basic Information

**Observed MW**
50kDa/46kDa

**Calculated MW**

**Category**
SMab Recombinant Monoclonal Antibody

**Applications**
WB,ELISA

**Cross-Reactivity**
Species independent

**CloneNo number**
ARC5111-01-HRP

**Conjugate**
HRP

## 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.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:5000-10000 |

## Immunogen Information

**Gene ID**

**Swiss Prot**

**Immunogen**
A synthetic peptide corresponding to DDDDK tag.

**Synonyms**
DDDDK;DDDDK tag;DDDDK-tag

## Contact

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## Product Information

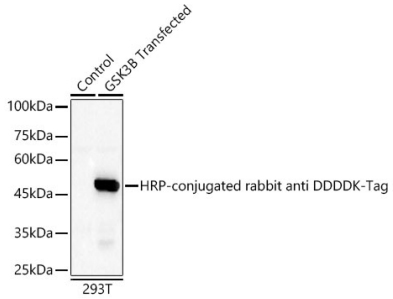
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of extracts of normal 293T cells, 293T transfected with GSK3B-C Protein,using HRP-conjugated rabbit anti DDDDK-Tag mAb (AE095) at 1:5000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.

Western blot analysis of extracts of normal 293F□293F transfected with IRF1-3