

Anti-DDDDK Tag Mouse Mab Antibody (1B10)

Cat #: D-AKE2010

Size: 50 μ L / 200 μ L

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

Background

The DYKDDDDK peptide (Flag-tag) is a polypeptide protein tag that can be added to a protein using recombinant DNA technology. It can be used for affinity chromatography, and then used to separate recombinant, over expressed protein from wild-type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits.

Product Information

Applications: WB, IF, IP

Suggested starting dilutions are as follows: WB (1:10000), IF (1:4000), IP (1:400).

Isotype: Mouse IgG

Reactivity: Mammals, Bacteria

Formulation: Liquid solution

Concentration: 1 mg/mL

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

Storage Buffer: Liquid in PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

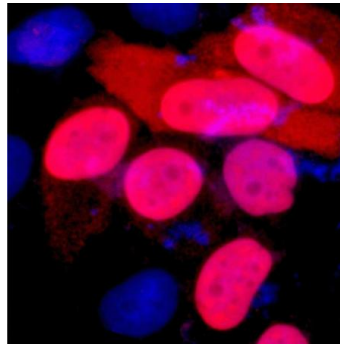


Fig.1. Immunofluorescence staining (1:4000) of Flag fusion protein in 293 cells and counterstained with DAPI.

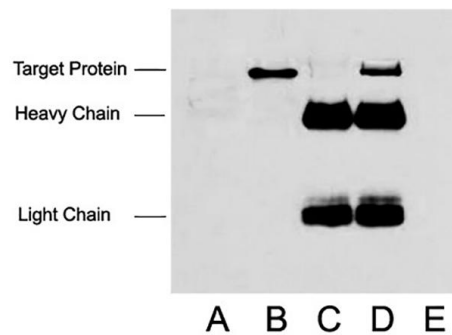


Fig.2. IP (1:400)-WB (1:10000) analysis of Flag fusion protein expression in 293 cells. Untransfected 293 cell lysate (lane A), transfected 293 cell lysate with Flag-tag protein (lane B), IP transfected 293 with normal Mouse IgG and Protein G agarose (lane C), IP transfected 293 with Anti Flag tag mAb and Protein G agarose (lane D), and IP transfected 293 with only Protein G agarose (lane E).

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.