

# Anti-Flag Tag Monoclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
E022060-01	100µl
E022060-02	500µl

<b>Product Name</b>	Anti-Flag Tag Monoclonal Antibody
<b>Product type</b>	Tag Antibody
<b>Application</b>	WB, ICC/IF, IP
<b>Description</b>	Mouse Monoclonal to Flag tag antibody
<b>Immunogen</b>	A synthetic peptide (DYKDDDDK) coupled to KLH
<b>Specificity</b>	Recognizes over-expressed proteins containing Flag epitope tag fused to either amino- or carboxy-termini of targeted proteins in transfected mammalian cells.

## Background Information

Flag tag (also known as DDDDK tag or Anti-D tag) is a polypeptide protein tag that can be added to a protein using Recombinant DNA technology. It can be used for affinity chromatography, then 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. The peptide sequence of the Flag tag is as follows: N-DYKDDDDK-C (1012 Da). It can be used in conjunction with other affinity tags for example a polyhistidine tag (His-tag), HA-tag or myc-tag. It can be fused to the C-terminus or the N-terminus of a protein. A Flag tag can be used in many different assays that require recognition by an antibody. Flag antibodies recognize the epitope in certain positions, e.g. exclusively N-terminal or position-insensitive.

N/A

## Storage Buffer

PBS, pH 7.4 with 0.05% sodium azide.

## Form

Liquid, 1.000mg/ml

## Storage Instructions

Stable for 1 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. Aliquot will be stable at 4°C for 3 months.

## Application Notes

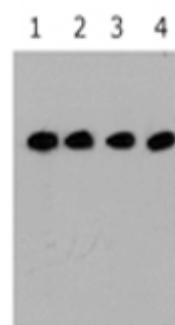
Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows: Western Blot (1:1000-1:10,000), Immunoprecipitation and Immunofluorescence or Immunocytochemistry (1:200-1:800).

## Host

Mouse

## Clonality

## Images



Western blot analysis of 293 cells transfected with Flag tagged vector at different concentrations of Anti-Flag tag antibody from highest concentration (0.5µg/ml, lane 1) to lowest concentration (0.1µg/ml, lane 4).