

# Flag-Tag Monoclonal Antibody

Catalog Number:E-AB-48025



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

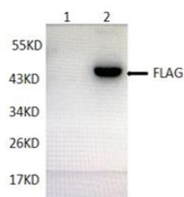
## Description

<b>Reactivity</b>	All
<b>Immunogen</b>	Synthetic peptide corresponding to Flag tag conjugated to keyhole limpet haemocyanin.
<b>Host</b>	Mouse
<b>Isotype</b>	IgG2a
<b>Purification</b>	Protein A/G Purified
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol,pH 7.4

## Applications Recommended Dilution

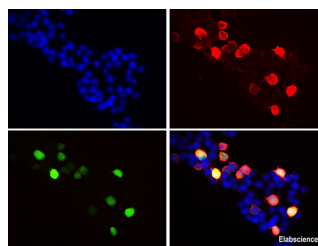
<b>WB</b>	1:5000-10000
<b>IF</b>	1:500-2000
<b>IP</b>	3ug/sample
<b>FCM</b>	0.2ug

## Data

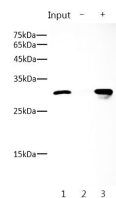


Western blotting with anti-FLAG monoclonal antibody at dilution of 1:5000.lane 1: HEK 293 whole cell lysate, Lane 2: FLAG tag transfected HEK 293 cell lysates

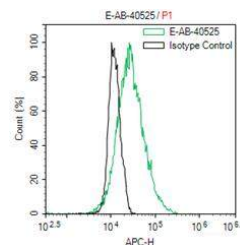
**Observed Mw:45kDa**  
**Calculated Mw:45kDa**



Immunofluorescent analysis of 293F cells transfected with the FLAG-GFP, using anti-Flag-Tag Monoclonal Antibody at 1:2000 dilution.



Lane 1:HEK-293 transfected with DDDDK-tagged (input),Lane 2: Mouse monoclonal IgG2a instead of E-AB-48025 in HEK-293T transfected with DDDDK-tagged.Lane 3: E-AB-48025 IP in HEK-293T transfected with DDDDK-tagged.



1x10<sup>6</sup> CHO cells Transfected with a Flag plasmid were stained with 0.2ug Anti-Flag tag mAb(E-AB-48025) and AF647 conjugated Goat Anti-mouse IgG (H+L);isotype Control stained with 0.2ug mouse IgG and AF647 conjugated Goat Anti-mouse IgG (H+L)

## For Research Use Only

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## Preparation & Storage

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

## Background

FLAG-tag 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. This antibody detects FLAG tag in most applications.

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