

Flag-Tag Monoclonal Antibody

catalog number: E-AB-48025

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

Description

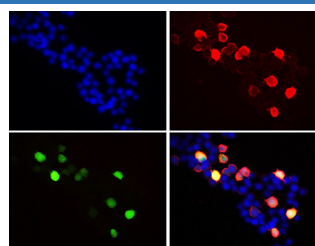
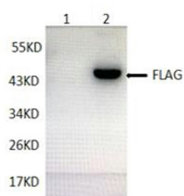
Reactivity	All
Immunogen	Synthetic peptide corresponding to Flag tag conjugated to keyhole limpet haemocyanin.
Host	Mouse
Isotype	IgG2a
Clone	3H9
Purification	Protein A/G Purification
Conjugation	Unconjugated
buffer	PBS, pH 7.2. Contains 0.05% proclin 300.

Applications

Recommended Dilution

WB	1:5000-10000
IF	1:500-2000
IP	3µg/sample
FCM	0.2µg

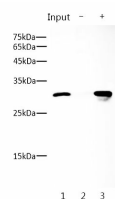
Data



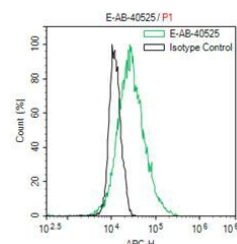
Western blotting with anti-FLAG monoclonal antibody at dilution of 1:5000. lane 1: HEK 293 whole cell lysate, Lane 2: FLAG tag transfected HEK 293 cell lysates

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

Observed-MV:45 kDa
Calculated-MV:45 kDa



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 protein. Lane 3: E-AB-48025 IP in HEK-293T transfected with DDDDK-tagged protein.



1x10⁶ CHO cells Transfected with a Flag plasmid were stained with 0.2µg Anti-Flag tag mAb(E-AB-48025) and AF647 conjugated Goat Anti-mouse IgG (H+L); Isotype Control stained with 0.2µg mouse IgG and AF647 conjugated Goat Anti-mouse IgG (H+L)

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

For Research Use Only

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Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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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