

Flag-Tag Monoclonal Antibody

catalog number: **E-AB-48025**

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

Description

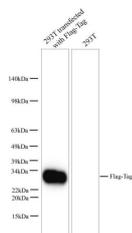
Reactivity	All
Immunogen	Synthetic peptide corresponding to Flag tag conjugated to keyhole limpet haemocyanin.
Host	Mouse
Isotype	IgG2a
Clone	3H9
Purification	Protein A/G Purification
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

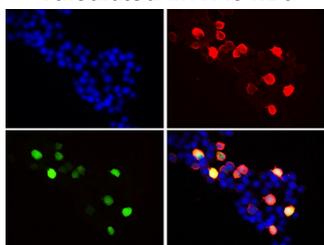
WB	1:5000-10000
IF	1:500-2000
IP	3µg/sample
FCM	0.2µg

Data

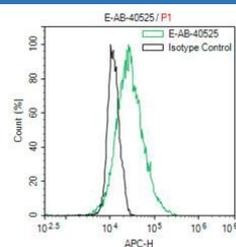


Western blot with Anti Flag-Tag Monoclonal Antibody at dilution of 1:20000. Lane 1:293T Ttransfected with Flag-Tag cell lysate,Lane 2:293T cell lysate.

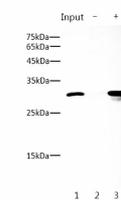
Observed-MW:45 kDa
Calculated-MW:45 kDa



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



1x10⁶ 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)



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_x0002_tagged.

Preparation & Storage

Storage

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

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V2.8

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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