Flag-Tag Monoclonal Antibody

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

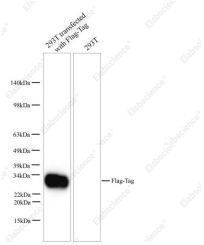
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

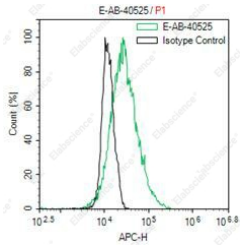
Reactivity	All
Immunogen	Synthetic peptide corresponding to Flag tag conjugated to keyhole limpet haemocyanin.
Host	Mouse
Isotype	Mouse IgG2a
Clone	3H9
Purification	Protein A/G Purification
Conjugation	Unconjugated
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze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

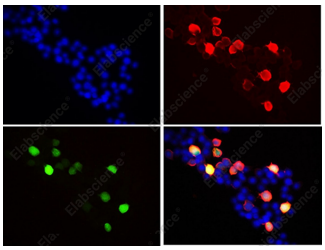
Data



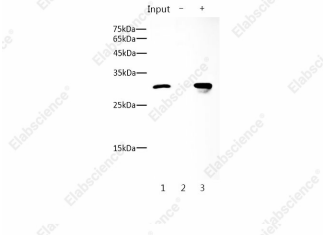
Western blotting with anti-FLAG monoclonal antibody at dilution of 1:5000.lane 1: HEK 293 whole cell lysate, Lane 2: FLAG tag transfected HEK 293 cell lysates



1x10^6 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)



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.

Preparation & Storage

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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