

His-Tag Monoclonal Antibody

catalog number: **E-AB-48003**

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

Description

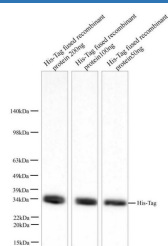
Reactivity	All
Immunogen	Synthetic peptide corresponding to 6His tag conjugated to keyhole limpet haemocyanin.
Host	Mouse
Isotype	IgG2a
Clone	1A5
Purification	Protein A/G Purification
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

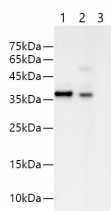
WB	1:1000-2000
IP	3µg/sample
FCM	0.2µg

Data

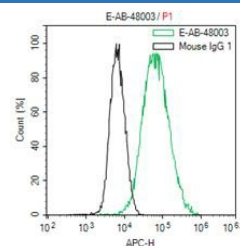


Western blot with Anti His-Tag Monoclonal Antibody at dilution of 1:1000. Lane 1: His-Tag fused recombinant protein 200ng, Lane 2: His-Tag fused recombinant protein 100ng, Lane 3: His-Tag fused recombinant protein 50ng.

Observed-MW: 45 kDa
Calculated-MW: 28-39 kDa



IP Result of 293F cells transfected with His-Tag fusion protein, using anti-His-Tag mouse monoclonal antibody. Lane 1: input, Lane 2: anti-His-Tag mouse monoclonal antibody, Lane 3: mouse IgG1 Isotype Control



1x10⁶ CHO cells Transfected with a His plasmid were stained with 0.2ug Anti-His tag mAb(E-AB-48003) 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)

Preparation & Storage

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

For Research Use Only

Shipping

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

Background

The 6xHis tag, also known as polyhistidine tag, His6 tag and/or hexa histidine tag, is an amino acid motif consisting of at least 6 histidine residues fused to the carboxyl (C-) or amino (N-) terminus of a target protein in transfected cells. It is one of the simplest and most widely used purification tags in the world.

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