

His-Tag Monoclonal Antibody

Mouse Monoclonal Antibody

Catalog # ABV11742

Product Information

Application	WB, E
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG

Additional Information

Application & Usage	ELISA, WB
Alias Symbol	His
Other Names	His-Tag
Appearance	Colorless liquid
Formulation	100 ug (1mg/ml) of antibody in 0.01M Tris-HCl, pH 8.0, 0.15M NaCl, and 0.02% sodium azide.
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	His-Tag Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Background

A variety of plasmids contain DNA that encodes an N-terminal tag consisting of six histidine (His) residues, followed by an extended multiple cloning sites. The 6xHis tag on the expressed recombinant proteins allows for efficient coupling to Ni⁺⁺ affinity resins and purification by a single step chromatography. As is the case with other protein tags, this polyhistidine tag can be cleaved at sites recognized by enzymes such as thrombin and enterokinases to isolate the protein of interest.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.