DATASHEET

His Tag Mouse Monoclonal Antibody (1D2)

CAT. NO. AXA0050

KEY FEATURES

Target	His Tag	Source / Host	Mouse
Reactivity	His-tagged proteins	Clonality	Monoclonal
Applications	WB, ELISA	Storage	at -20°C

BACKGROUND

The polyhistidine tag (His tag) is a short sequence of consecutive histidine residues commonly fused to the N- or C-terminus of recombinant proteins. Histidine side chains coordinate immobilized metal ions such as nickel or cobalt, allowing tagged proteins to be enriched by immobilized metal affinity chromatography. His-tag-specific antibodies provide a means of detecting tagged recombinant proteins independently of their native protein sequence.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	Dilution Ratio
WB	1:200 - 1:1000
ELISA	1:1000 - 1:5000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	His Tag Mouse Monoclonal Antibody (1D2)
Antibody Type	Primary antibody, Monoclonal
Specificity	Recognizes His-fusion proteins expressed from pCold and pET-28a vectors.
Immunogen	pCold-Fiber1 protein
Form/Buffer	Liquid in PBS, 20% Glycerol; preservative: 0.05% Sodium Azide
Alternative Names	His tag; Polyhistidine tag

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

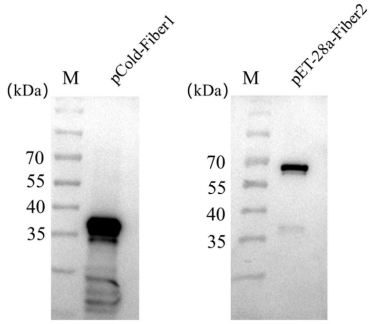
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Western blot analysis using His Tag Mouse Monoclonal Antibody (1D2) recognizes His-fusion proteins expressed from pCold and pET-28a vectors. Left: pCold-Fiber1; right: pET-28a-Fiber2. Molecular weight markers are retained.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com