

Product datasheet

Anti-6X His tag® antibody [AD1.1.10] ab15149

[9 References](#) [1 Image](#)

Overview

Product name	Anti-6X His tag® antibody [AD1.1.10]
Description	Mouse monoclonal [AD1.1.10] to 6X His tag®
Host species	Mouse
Tested applications	Suitable for: ICC/IF, IHC-Fr, IP, WB
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>The clone number has been updated from (3H2201) to (AD1.1.10) both clone numbers name the same antibody clone.</p> <p>HIS-TAG® is a trademark of EMD Biosciences, Inc.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 0.58% Sodium chloride, 95% Sodium phosphate</p>
Purity	Protein G purified
Purification notes	Tissue culture supernatant purified by Protein G affinity chromatography.
Primary antibody notes	ab15149 recognises proteins containing the motif HHHHHH and is therefore of value in detecting proteins containing histidine tags. The antibody may be used to track the purification of proteins expressed in bacteria, yeast or insect cells.

Clonality	Monoclonal
Clone number	AD1.1.10
Myeloma	NS1
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab15149 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

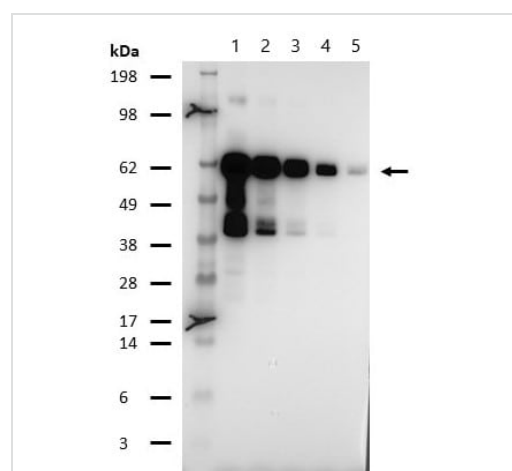
Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB		1/100 - 1/500.

Target

Relevance The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. His-tags can be fused to the amino- or carboxy- termini of proteins in transfected or transformed cells.

Cellular localization Depends upon the localization of the parent protein tagged with hexahistidine.

Images



Western blot - Anti-6X His tag® antibody [AD1.1.10] (ab15149)

All lanes : Anti-6X His tag® antibody [AD1.1.10] (ab15149) at 0.5 µg/ml

Lane 1 : 60 kDa 6X His tagged protein at 0.3 µg

Lane 2 : 60 kDa 6X His tagged protein at 0.1 µg

Lane 3 : 60 kDa 6X His tagged protein at 0.03 µg

Lane 4 : 60 kDa 6X His tagged protein at 0.01 µg

Lane 5 : 60 kDa 6X His tagged protein at 0.003 µg

Secondary

All lanes : Goat Anti-Mouse (HRP) at 0.04 µg/ml

Imaged using West Pico chemiluminescent substrate.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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