

Product datasheet

FITC Anti-6X His tag® antibody ab1206

★★★★★ [7 Abreviews](#) [28 References](#) [2 Images](#)

Overview

Product name	FITC Anti-6X His tag® antibody
Description	FITC Rabbit polyclonal to 6X His tag®
Host species	Rabbit
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: ELISA, Flow Cyt
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide corresponding to 6X His tag® conjugated to keyhole limpet haemocyanin. Run BLAST with ExPASy Run BLAST with NCBI
General notes	Molar F/P ratio is 3.7:1. HIS-TAG® is a trademark of EMD Biosciences, Inc. 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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: PBS, 0.2% BSA
Purity	Immunogen affinity purified
Purification notes	Antibodies were immunoaffinity purified using the peptide conjugated to a solid-phase support and conjugated to fluorescein isothiocyanate.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab1206 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
ELISA	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt	★★★★★ (5)	Use at an assay dependent concentration. ab37406 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.

Target

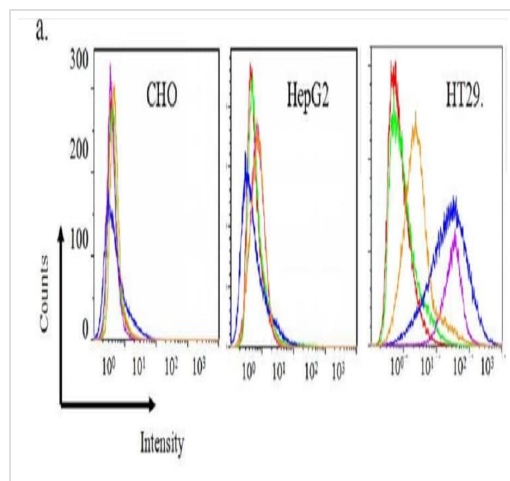
Relevance

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



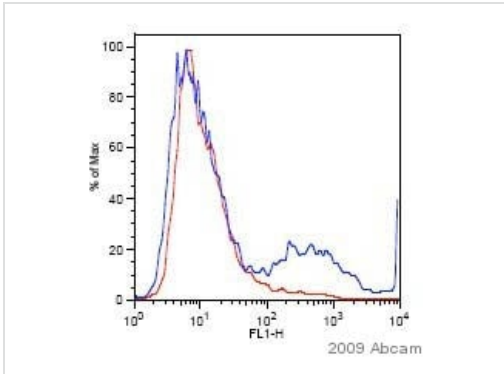
Muc1-Bi-1 and Muc1-Bi-2 can recognize Muc1 positive tumor cells.

a). Flow cytometry analysis of Muc1-Bi-1 and Muc1-Bi-2 on Muc1-negative cell lines HePG2 and CHO and Muc1-positive cell lines, HT29. Red line indicates cells with no staining; green line indicates cells with only anti-His-FITC staining (ab1206); blue line indicates cells with positive control anti-Muc1 antibody; purple line indicates cells with Muc1-Bi-1 protein; orange line indicates cells with Muc1-Bi-2 protein.

Flow Cytometry - FITC Anti-6X His tag® antibody

(ab1206)

Li et al PLoS One. 2018 Jan 22;13(1):e0191024. doi: 10.1371/journal.pone.0191024. eCollection 2018. Fig 2. Reproduced under the Creative Commons license <http://creativecommons.org/licenses/by/4.0/>



Flow Cytometry - FITC Anti-6X His tag[®] antibody (ab1206)

This image is courtesy of an anonymous Abreview

ab1206 staining 6X His tag[®] in human endometrial carcinoma cells by Flow Cytometry.

Cells were prepared by short trypsinisation in PBS/1% FBS/0.2% sodium azide and fixed with formaldehyde. The gate included all single cells. The sample was incubated with a 6X His tag[®] primary antibody for 1 hour at 4°C. ab1206 was used as the secondary. On the image, the red line represents cells stained with ab1206 alone, and the blue line is the tested sample carrying a 6XHis tag[®]. The small peak to the right represents cells that bound the tested sample.

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