

Product datasheet

PE Anti-6X His tag® antibody [EPR20547] ab237338

Recombinant RabMAb

3 Images

Overview

Product name	PE Anti-6X His tag® antibody [EPR20547]
Description	PE Rabbit monoclonal [EPR20547] to 6X His tag®
Host species	Rabbit
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt (Intra), ICC/IF
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	ICC/IF: HEK-293T cells transfected with 6X His tag with MYC tag. Flow Cyt (Intra): HEK-293T cells transfected with 6X His tag with MYC tag.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Store In the Dark.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 1% BSA, 98% PBS</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR20547

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab237338 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
Flow Cyt (Intra)		1/500.
ICC/IF		1/100.

Target

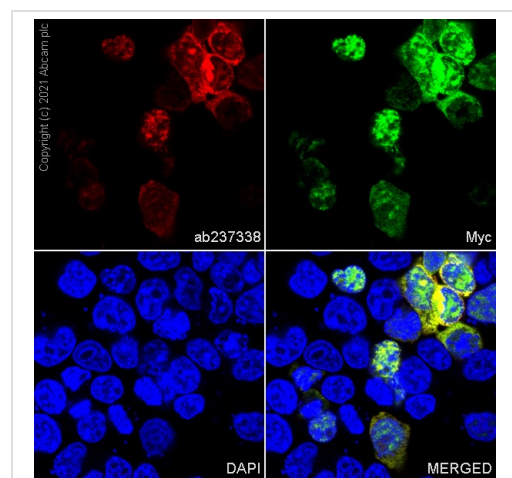
Relevance

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

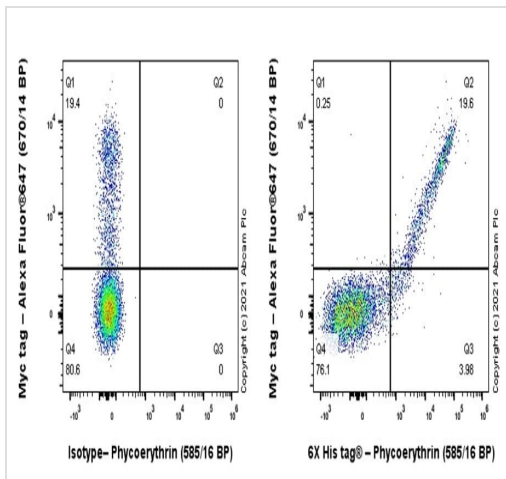
Depends upon the localization of the parent protein tagged with hexahistidine.

Images



Confocal image showing positive staining in HEK-293T cells transfected with 6X His tag with MYC tag® expression construct.

Immunocytochemistry/ Immunofluorescence - PE
Anti-6X His tag® antibody [EPR20547] (ab237338)



Flow Cytometry (Intracellular) - PE Anti-6X His tag® antibody [EPR20547] (ab237338)

Flow cytometric analysis of 4% paraformaldehyde-fixed, 90% methanol-permeabilized HEK-293T cells transfected with 6X His tag with MYC tag with ab237338 at 1/500 dilution (Right panel) compared with Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Phycoerythrin) ([ab209478](#)) (Left panel).

Blocking with 10% Goat serum.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

PE Anti-6X His tag® antibody [EPR20547] (ab237338)

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

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