

Product datasheet

Anti-6X His tag® antibody [HIS-1] ab49936

1 References

Overview

Product name	Anti-6X His tag® antibody [HIS-1]
Description	Mouse monoclonal [HIS-1] to 6X His tag®
Host species	Mouse
Specificity	ab49939 preferentially reacts to recombinant proteins containing the 6X His tag® fused to amino terminus of fusion proteins.
Tested applications	Suitable for: Flow Cyt, WB, Dot blot, ELISA, ICC/IF
Species reactivity	Reacts with: Species independent
Immunogen	Recombinant full length protein corresponding to 6X His tag®.
General notes	<p>This product was changed from ascites to tissue culture supernatant on 25th October 2016. The following lot(s) is/are from ascites and is still in stock as of 25th October 2016 - GR224242. Lot numbers higher than GR224242 will be from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly.</p> <p>HIS-TAG® is a trademark of EMD Biosciences, Inc.</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 long term.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Proprietary Purification
Purification notes	Purified from Tissue culture supernatant.
Clonality	Monoclonal
Clone number	HIS-1
Isotype	IgG2a

Applications

Applications

Our [Abpromise guarantee](#) covers the use of **ab49936** 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		Use at an assay dependent concentration.
WB		1/3000.
Dot blot		Use at an assay dependent concentration. Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

Target

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

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

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