abcam

Product datasheet

FITC Anti-Heme Oxygenase 1 antibody [HO-1-2] ab69545

1 Abreviews 6 References 1 Image

Overview

Product name	FITC Anti-Heme Oxygenase 1 antibody [HO-1-2]
Description	FITC Mouse monoclonal [HO-1-2] to Heme Oxygenase 1
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	**Suitable for:** Flow Cyt (Intra)
Species reactivity	**Reacts with:** Human
Immunogen	Full length native protein (purified) (Rat)
Positive control	Jurkat cells
General notes	This product was changed from ascites to tissue culture supernatant on 14th September 2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team. 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	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Protein G purified
Purification notes	Purified from TCS
Clonality	Monoclonal

Clone number	HO-1-2
Isotype	IgG2b

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab69545 in the following tested applications.

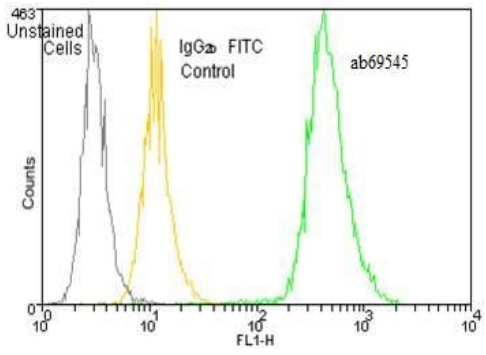
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		Use a concentration of 100 µg/ml. **ab91368** - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

Target

Function	Heme oxygenase cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestrated and destroyed.
Sequence similarities	Belongs to the heme oxygenase family.
Cellular localization	Microsome. Endoplasmic reticulum.

Images



Flow Cytometry (Intracellular) - FITC Anti-Heme Oxygenase 1 antibody [HO-1-2] (ab69545)

Flow Cytometry of 10^6 Jurkat cells stained using ab69545 at a concentration of 100 µg/mL.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors