

Product datasheet

Goat Anti-Mouse IgG H&L (FITC) preadsorbed ab7064

★★★★★ [3 Abreviews](#) [36 References](#) [4 Images](#)

Overview

Product name	Goat Anti-Mouse IgG H&L (FITC) preadsorbed
Host species	Goat
Target species	Mouse
Tested applications	Suitable for: ICC/IF, Immunomicroscopy, Flow Cyt, IHC-P, IHC-Fr, ELISA
Minimal cross-reactivity	Chicken, Cow, Goat, Guinea pig, Hamster, Horse, Human, Rabbit, Rat, Sheep more details
Immunogen	Full length native Mouse IgG (purified).
Conjugation	FITC. Ex: 493nm, Em: 528nm

Properties

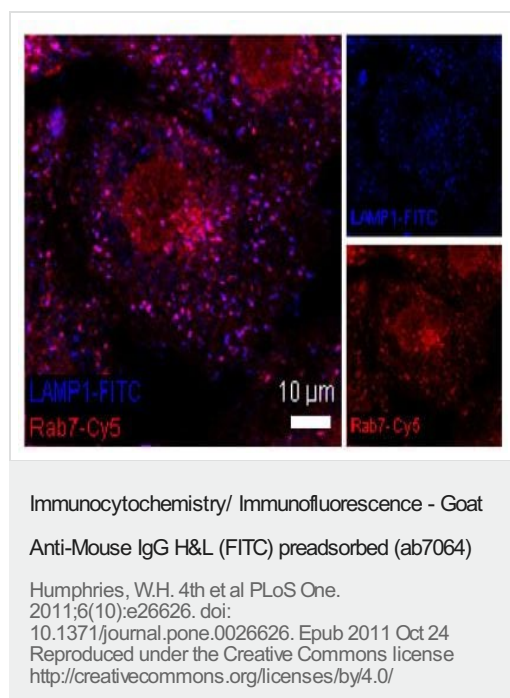
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 6.50 Preservative: 0.01% Sodium azide Constituents: 0.42% Tripotassium orthophosphate, 0.87% Sodium chloride, 1% BSA
Purity	Affinity purified
Purification notes	This product was prepared from monospecific antiserum by immunoaffinity chromatography using mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab7064 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	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 15767251
Immunomicroscopy		Use at an assay dependent concentration.
Flow Cyt	★★★★★ (1)	1/1000 - 1/2000.
IHC-P		Use at an assay dependent concentration.
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.
ELISA		1/10000 - 1/50000.

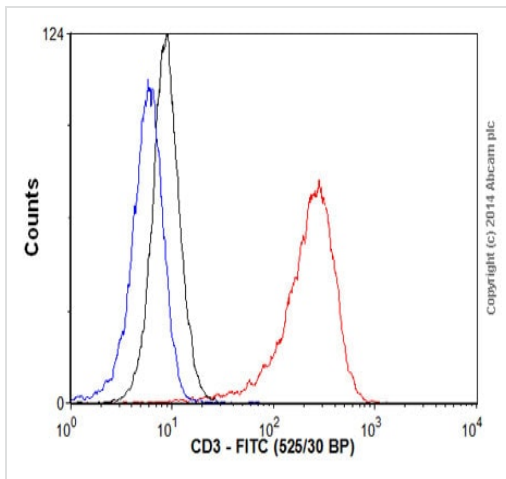
Images



Rab7 and LAMP1 are highly colocalized in BS-C-1 cells and in HeLa cells

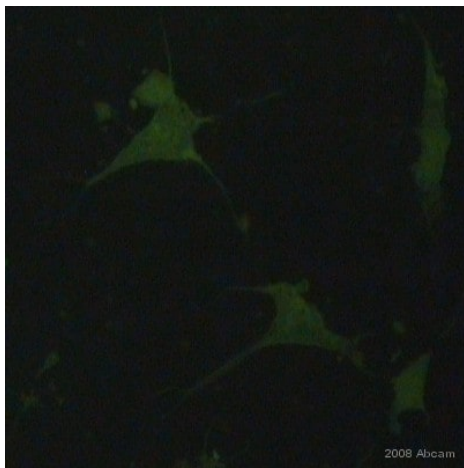
LAMP1 was detected with a mouse antiLAMP1 antibody in ICC/IF analysis of BS-C-1 cells.

Anti-LAMP1 was visualized using ab7064 at 1/500 dilution.



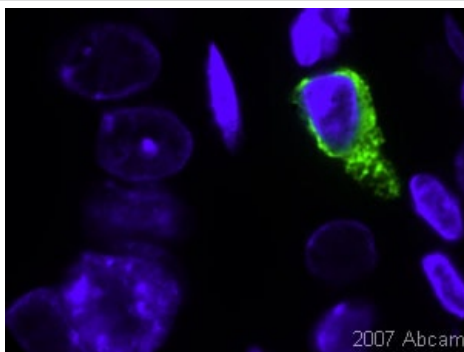
Flow Cytometry - Goat Anti-Mouse IgG H&L (FITC) preadsorbed (ab7064)

Overlay histogram showing Jurkat cells stained with [**ab8090**](#) (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody ([**ab8090**](#), 0.01µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody Goat anti-mouse IgG H&L (FITC, pre-adsorbed) ([**ab7064**](#)) was used at 1/1000 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] ([**ab91361**](#), 0.01µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.



Immunocytochemistry/ Immunofluorescence - Goat Anti-Mouse IgG H&L (FITC) preadsorbed (ab7064)

[**ab7064**](#) was used at dilution 1/20 with the primary antibody [**ab7852**](#) in ICC. See the review on [**ab7852**](#).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Mouse IgG H&L (FITC) preadsorbed (ab7064)

[**ab7064**](#) was used at dilution 1/2000 with the primary antibody [**ab2378**](#) in IHC-P. See the review on [**ab2378**](#).

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