abcam

Product datasheet

Goat Anti-Rabbit IgG H&L (FITC) ab97050

54 References 6 Images

Overview

Product name	Goat Anti-Rabbit IgG H&L (FITC)
Host species	Goat
Target species	Rabbit
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with Rabbit IgG and with light chains common to other Rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins.
Tested applications	**Suitable for:** IHC-P, ICC/IF, Flow Cyt
Immunogen	Full length protein. Rabbit IgG (containing the usual heavy and light chain)
Conjugation	FITC. Ex: 493nm, Em: 528nm

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.2% BSA, PBS
Purity	Immunogen affinity purified
Purification notes	This antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to FITC.
Conjugation notes	F/P ratio is 4.85
Clonality	Polyclonal
Isotype	IgG

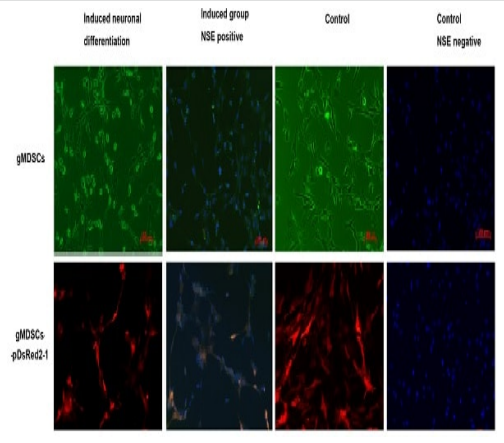
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab97050 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
IHC-P		1/50 - 1/500.
ICC/IF		1/50 - 1/500.
Flow Cyt		1/50 - 1/200.

Images

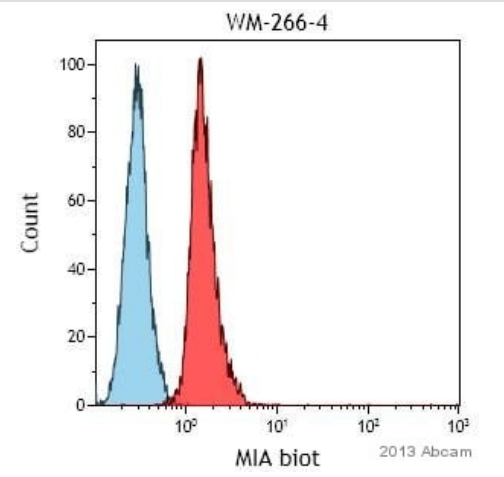


Immunocytochemistry/ Immunofluorescence - Goat Anti-Rabbit IgG H&L (FITC) (ab97050)

Ren Y et al. Potential of adipose-derived mesenchymal stem cells and skeletal muscle-derived satellite cells for somatic cell nuclear transfer mediated transgenesis in Arbas Cashmere goats. PLoS One 9:e93583 (2014).

Immunocytochemical/immunofluorescent analysis of 4% paraformaldehyde-fixed Triton X-100 permeabilized Goat skeletal muscle-derived satellite cells stained for NSE using **ab53025**.

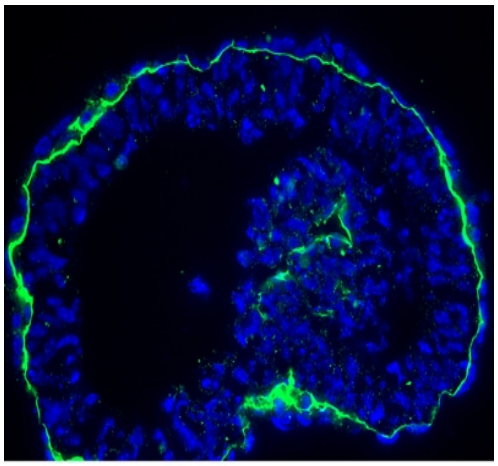
After washing in PBS, the cells were incubated with Goat Anti-Rabbit IgG H&L (FITC) (ab97050) (Green).



Flow Cytometry - Goat Anti-Rabbit IgG H&L (FITC) (ab97050)

This image is courtesy of an anonymous Abreview.

ab84235 staining melanoma inhibitory activity in a human melanoma cell line by Flow Cytometry. Cells were harvested with EDTA and washed in PBS. Cells were pemeabilized with saponine. The sample was incubated with the primary antibody (1/100 in PBS) for 15 minutes at 20°C. A FITC-conjugated goat anti-rabbit IgG H&L (ab97050) (1/100) was used as the secondary antibody.



Immunohistochemistry (Frozen sections) - Goat Anti-Rabbit IgG H&L (FITC) (ab97050)

Courtesy of Dr. Shaohua Li, UMDNJ-Robert Wood Johnson Medical School

Sample: mouse embryonic stem cell-differentiated embryoid bodies (EBs)

Preparation:

Fix in 3% PFA in PBS for 30 min at RT

Incubate in 7.5% sucrose-PBS for 3h at RT

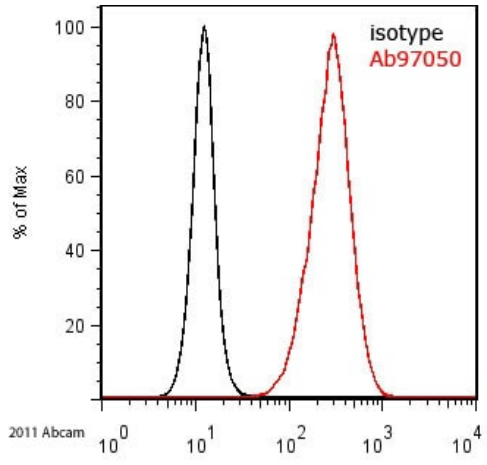
Incubate in 15% sucrose-PBS at 4 degree Celsius overnight

Embed the EBs in tissue-Tek OCT compound

Cut frozen sections to 4-20 µm thickness

Primary antibodies:
Mouse anti-Ki67, 1:100
Rabbit anti-laminin alpha 1 (basement marker)

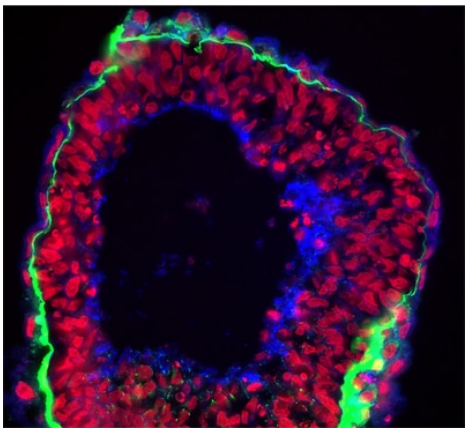
Secondary antibodies:
Goat polyclonal Secondary Antibody to Mouse IgG - H&L (AMCA) (**ab47052**), 1:100
Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (FITC) (ab97050), 1:100



Flow Cytometry - Goat Anti-Rabbit IgG H&L (FITC) (ab97050)

The FACS staining was perform on THP-1 cell lines with Rabbit polyclonal to CCR2 (**ab21667**) at a 1/100 dillution for 30 min at 4C. The secondary antibody was ab97050 used at 1/100 for 20min at 4C. The buffer used was PBS/BSA (0.5%)/Azide (0.05%). No fixation or permeabilization was performed and gating was done on alive cells.

This image is courtesy of an anonymous Abreview



Immunohistochemistry (Frozen sections) - Goat Anti-Rabbit IgG H&L (FITC) (ab97050)

Courtesy of Dr. Shaohua Li, UMDNJ-Robert Wood Johnson Medical School

Sample: mouse embryonic stem cell-differentiated embryoid bodies (EBs)

Preparation:

Fix in 3% PFA in PBS for 30 min at RT

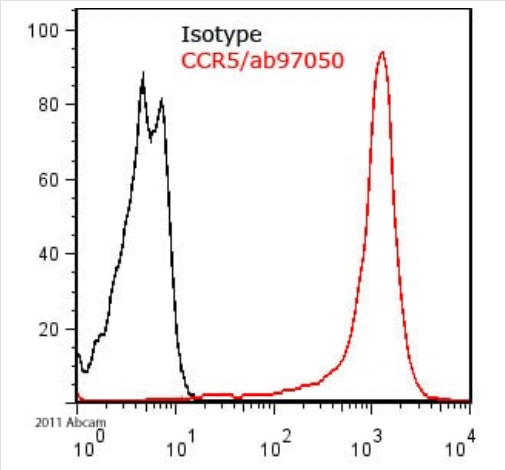
Incubate in 7.5% sucrose-PBS for 3h at RT

Incubate in 15% sucrose-PBS at 4° overnight

Embed the EBs in tissue-Tek OCT compound

Cut frozen sections to 4-20 µm thickness

Primary antibody: Rabbit anti-laminin alpha 1, 1:400
Secondary antibody: Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (FITC) (ab97050)
F-actin was stained with CytoPainter F-actin staining kit (blue) (**ab112124**), 1:1000
Nuclei were counterstained stained with DRAQ7™ (**ab109202**), 1:1000



Flow Cytometry - Goat Anti-Rabbit IgG H&L (FITC) (ab97050)

The FACS staining was performed on HEK cells expressing human CCR5 with PBS/BSA (0.5%)/Azide (0.05%) as FACS buffer. We used a primary polyclonal rabbit antibody against CCR5 at a 1/100 dillution, incubated for 1 hour at 4C. The secondary antibody was ab97050 used at a concentration of 1/100 for 30min at 4C. No fixation or permeabilization was performed and gaiting was done on alive cells.

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