

Product datasheet

Goat Anti-Mouse IgG H&L (Cy5 ®) preadsorbed ab6563

★★★★★ [2 Abreviews](#) [62 References](#) [2 Images](#)

Overview

Product name	Goat Anti-Mouse IgG H&L (Cy5 ®) preadsorbed
Host species	Goat
Target species	Mouse
Tested applications	Suitable for: ELISA, ICC/IF, Flow Cyt, IHC-P, IHC-Fr
Minimal cross-reactivity	Chicken, Cow, Goat, Guinea pig, Hamster, Horse, Human, Rabbit, Rat, Sheep more details
Immunogen	Mouse IgG, whole molecule (H&L)
Conjugation	Cy5 ®. Ex: 650nm, Em: 667nm

Properties

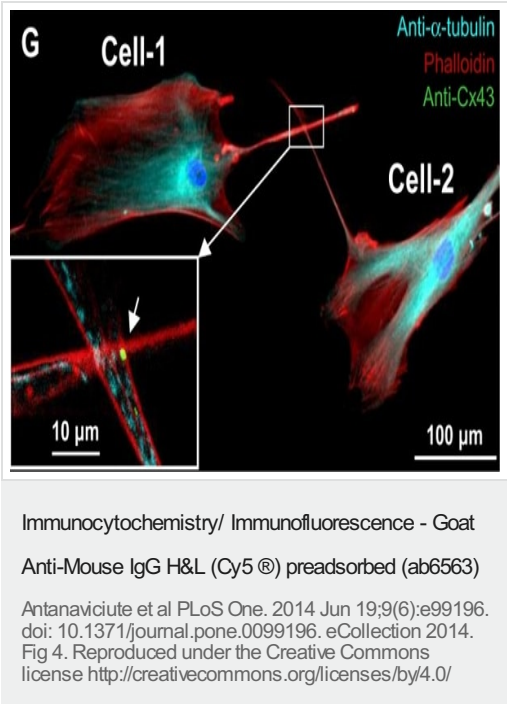
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 6.50 Preservative: 0.01% Sodium azide Constituents: 0.42% Tripotassium orthophosphate, 0.87% Sodium chloride, 1% BSA
Purity	Immunogen affinity purified
Purification notes	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities and extensive dialysis.
Conjugation notes	Cy5.29 (Cyanine 5.29-OSu) (Molecular Weight 975 daltons) Absorption Wavelength: 650 nm Emission Wavelength: 667 nm Fluorochrome/Protein Ratio: 12.6 moles Cy5 per mole of Goat IgG
Clonality	Polyclonal
Isotype	IgG
General notes	Cy™ and CyDye™ are registered trademarks of Cytiva. This secondary antibody is specifically designed for the detection of multiple primary antibodies (polyclonal or monoclonal) of different host species (human labelled with the fluorophore Cy5 here) in experiments where cells are simultaneously labeled without unwanted cross reaction.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab6563 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

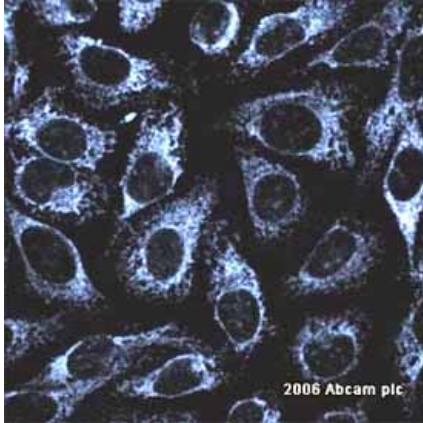
Application	Abreviews	Notes
ELISA		1/10000 - 1/50000. PubMed: 18691532
ICC/IF	★★★★★ (1)	1/1000 - 1/5000.
Flow Cyt		Use at an assay dependent dilution.
IHC-P		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

Images



Formation of TT3s between LSCC cells.
(Panel G) TT4s form between the intersecting rear or secondary lamellipodia establishing functional Cx43 GJs (the arrow in the inset) as confirmed by patch-clamp measurements.

Cells were grown in 24-well plates with glass coverslips on the bottom, fixed with 4% paraformaldehyde for 15 min, and permeabilized with 0.2% Triton X-100/PBS for 3 min. Coverslips were incubated for 1 h with the following primary antibodies: mouse anti- α -tubulin, rabbit anti-Cx43, mouse anti-Cx43, rabbit anti-Cx26, rabbit anti-Cx30, then rinsed with 1% BSA/PBS and incubated with secondary goat anti-mouse IgG H&L (Cy5) (ab6563, Abcam Cambridge, UK) or with donkey anti-rabbit IgG (FITC) for 30 min. The F-actin network was visualized using Alexa Fluor 594 phalloidin; coverslips were incubated with the dye for 30 min at 37°C. Coverglasses were attached using Vectashield Mounting Medium with DAPI and sealed with clear nail polish. MitoTracker Green was used to stain mitochondria in live cells.



ab2792 (PDI antibody (RL90) - ER marker) staining human U2-OS (bone osteosarcoma) cells by ICC/IF. ab6563 (undiluted) was used as the secondary.

Immunocytochemistry - Goat Anti-Mouse IgG H&L
(Cy5 ®) preadsorbed (ab6563)

This image is courtesy of an Abreview submitted by Dr
laurent barbe

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