

Product datasheet

Donkey Anti-Goat IgG H&L (Cy5 ®) preadsorbed ab6566

★★★★★ [1 Abreviews](#) [40 References](#) [2 Images](#)

Overview

Product name	Donkey Anti-Goat IgG H&L (Cy5 ®) preadsorbed	
Host species	Donkey	
Target species	Goat	
Tested applications	Suitable for: ICC, Flow Cyt, ICC/IF, IHC-P, IHC-Fr, WB, ELISA	
Minimal cross-reactivity	Chicken, Guinea pig, Hamster, Horse, Mouse, Rabbit, Rat	more details
Immunogen	Goat IgG, whole molecule	
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: 0.88% Sodium chloride, 1% BSA, 0.424% Potassium phosphate
Purity	Immunogen affinity purified
Purification notes	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat 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: 6.0 moles Cy5 per mole of Goat IgG
Clonality	Polyclonal
Isotype	IgG
General notes	This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5,268,486 and related patents. Cy and CyDye are trademarks of GE Healthcare Limited. This material is also subject to proprietary rights of GE Healthcare Bio-Sciences Corp. and Carnegie Mellon University and made and sold under License from GE Healthcare Bio-Sciences Corp. This product is licensed for sale only for research. It is NOT licensed for any other use. There is no implied license hereunder for any commercial use. COMMERCIAL USE shall include: 1 Sale, lease, license or other transfer of the material or any

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This secondary antibody is specifically designed for the detection of multiple primary antibodies (polyclonal or monoclonal) of different host species in experiments where cells are simultaneously labeled without unwanted cross reaction.

Applications

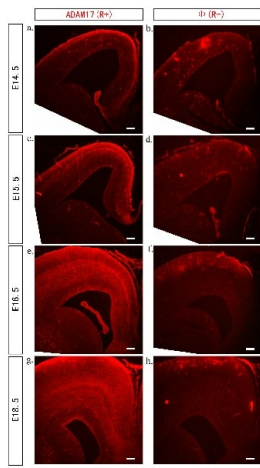
The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab6566 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		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent dilution.
ICC/IF		1/1000 - 1/5000.
IHC-P		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
WB	★★★★★ (1)	Use at an assay dependent dilution.
ELISA		1/10000 - 1/50000.

Images

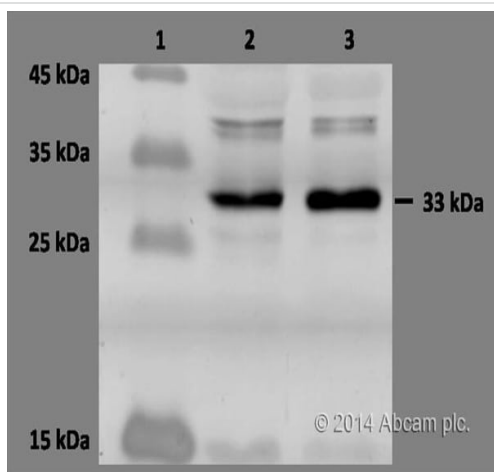


Immunohistochemistry (Frozen sections) - Donkey
Anti-Goat IgG H&L (Cy5®) preadsorbed (ab6566)

Li Q et al. ADAM17 is critical for multipolar exit and radial migration of neuronal intermediate progenitor cells in mice cerebral cortex. PLoS One 8:e65703 (2013).

Embryonic brains were fixed in 4% paraformaldehyde in PBS overnight and placed in 15% sucrose/PBS for 12 h and then 30% sucrose/PBS for 24 h at 4°C. Brains were then embedded in OCT (optimum cutting temperature) mounting medium and froze before sectioning at 10 or 20 µm. Embryonic cerebral cortex from E14.5, E15.5, E16.5 and E18.5 mice were dissected out and sectioned at 10–15 µm for immunohistochemistry experiment with anti-ADAM17 (**ab13535**) antibody.

Cy5-labeled donkey anti-goat (ab6566) was used as the secondary antibody (Red).



Western blot - Donkey Anti-Goat IgG H&L (Cy5®)
preadsorbed (ab6566)

This image is courtesy of an anonymous Abreview

Lanes 2-3 : Goat anti-UCP1 at 1/200 dilution

Lane 1 : Marker

Lanes 2-3 : Mouse brown adipose tissue lysate at 70 µg

Secondary

Lanes 2-3 : Donkey Anti-Goat IgG H&L (Cy5®) preadsorbed (ab6566) at 1/2500 dilution

Observed band size: 33 kDa

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

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