

Product datasheet

Goat Anti-Rabbit IgG H&L (FITC) ab6717

★★★★★ [2 Abreviews](#) [554 References](#) [4 Images](#)

Overview

Product name	Goat Anti-Rabbit IgG H&L (FITC)
Host species	Goat
Target species	Rabbit
Tested applications	Suitable for: IHC-FoFr, Immunomicroscopy, Flow Cyt, IHC-P, IHC-Fr, ICC/IF, ELISA
Immunogen	Rabbit IgG whole molecule
Conjugation	FITC. Ex: 493nm, Em: 528nm

Properties

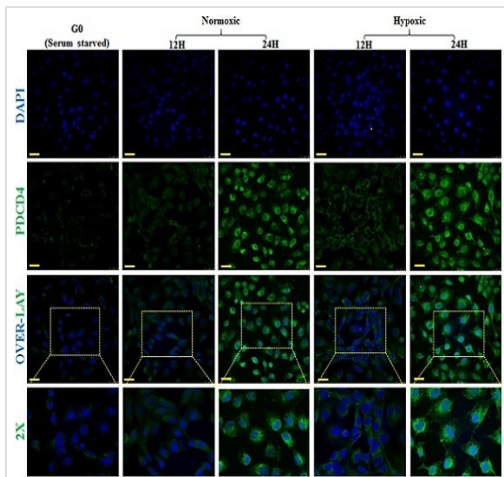
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 6.50 Preservative: 0.01% Sodium azide Constituents: 0.42% Tripotassium orthophosphate, 0.87% Sodium chloride, 1% BSA
Purity	Affinity purified
Purification notes	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Conjugation notes	Fluorescein isothiocyanate (FITC) (Molecular Weight 390 daltons) Absorption Wavelength: 495 nm Emission Wavelength: 528 nm Fluorochrome/Protein Ratio: 2.7 moles FITC per mole of Goat IgG
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab6717 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-FoFr		Use at an assay dependent concentration. PubMed: 24216136
Immunomicroscopy		Use at an assay dependent concentration.
Flow Cyt		1/500 - 1/2500.
IHC-P		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	1/1000 - 1/5000.
ELISA		1/10000 - 1/50000.

Images



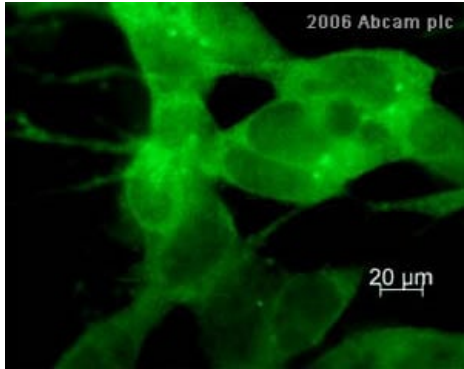
Immunocytochemistry/ Immunofluorescence - Goat
Anti-Rabbit IgG H&L (FITC) (ab6717)

Kumar S et al. The role of tumour suppressor PDCD4 in beta cell death in hypoxia. PLoS One 12:e0181235 (2017). Reproduced under the Creative Commons license <http://creativecommons.org/licenses/by/4.0/>

Subcellular localisation of PDCD4 was assessed by immunocytochemical staining. ARIP cells were seeded at 3×10^5 cells/well on sterile cover slips in six well plates and incubated overnight under standard culture conditions.

Following specific experimental conditions, media was removed and cells were washed with PBS and fixed with 3.7% formalin. Cells were then permeabilised with 0.1% triton X-100 in PBS followed by blocking in blocking buffer (10% Goat serum; 2% BSA; 0.2% Tween 20; 0.7% Glycerol in PBS) for 1 hour. Cells were incubated overnight with [ab51495](#) at 1/100 dilution followed by ab6717 (green) at 1/80 dilution. The nuclear counterstain is DAPI (Blue).

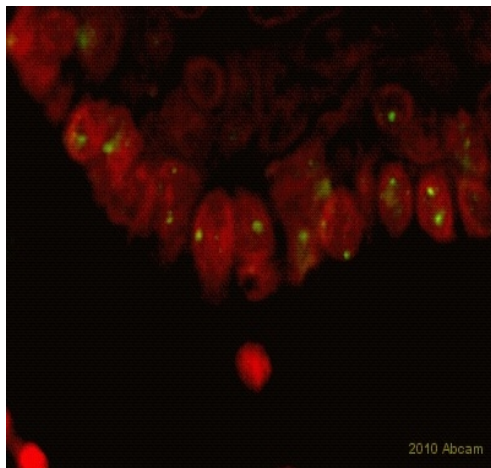
Results are representative of three separate experiments and images were representative of six separate fields. PDCD4 localized and expressing At G0: Cytoplasmic and very low expression; At N12: Cytoplasmic and low expression; At N24: very high cytoplasmic and low nuclear expression; At H12: Cytoplasmic expression and At H24 very high cytoplasmic and low nuclear expression. Over-all PDCD4 was highly expressed in the cytoplasm, with very low expression under serum starved conditions



Immunocytochemistry/ Immunofluorescence - Goat Anti-Rabbit IgG H&L (FITC) (ab6717)

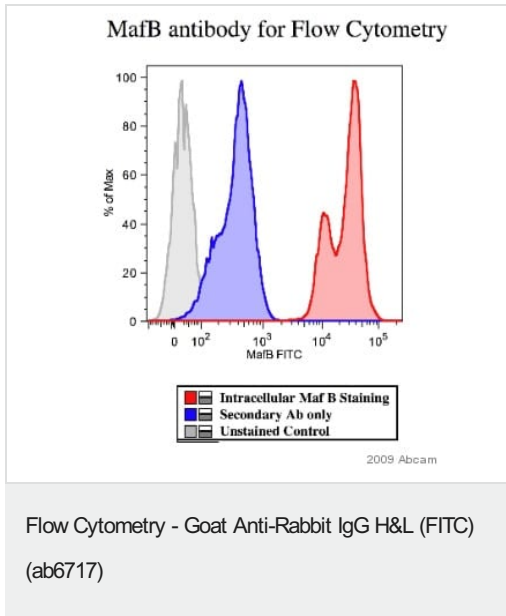
This image is courtesy of an anonymous Abreview

ab11320 (Rabbit polyclonal to gamma Tubulin - Centrosome Marker) at 1/400 dilution staining human neuroblastoma cells by ICC/IF. The cells were fixed with paraformaldehyde and blocked with serum and then incubated with the primary antibody for 16 hours. ab6717 was used as the secondary.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Rabbit IgG H&L (FITC) (ab6717)

Ab6717 was used at dilution 1/200 with the primary antibody **ab36823** in IHC-P. See the review on **ab36823**.



ab6717 was used with the primary antibody **ab66506** in Flow Cyt.
See Abreview on **ab66506**.

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