

Antibodies

Goat Anti-Rabbit IgG (H+L) Antibody, Polyclonal, iFluor™ 568

Goat polyclonal IgG antibody against rabbit IgG (H+L), iFluor™ 568-conjugated



Scientists Helping Scientists™ | WWW.STEMCELL.COM

TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM

FOR GLOBAL CONTACT DETAILS VISIT OUR WEBSITE

Catalog #100-1083

200µg

Product Description

The iFluor™ 568-conjugated goat anti-rabbit IgG (H+L) antibody reacts with the heavy chains on rabbit IgG and the light chains common in most rabbit immunoglobulins.

Target Antigen Name:	IgG (H+L)
Alternative Names:	Not applicable
Gene ID:	Not applicable
Species Reactivity:	Rabbit
Host Species:	Goat
Clonality:	Polyclonal
Clone:	Not applicable
Isotype:	Not applicable
Immunogen:	Not applicable
Conjugate:	iFluor™ 568

Applications

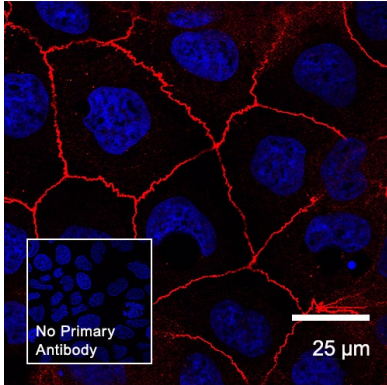
Verified:	ICC/IF
Reported:	ICC/IF, IHC

Abbreviations: CellSep: Cell separation; ChIP: Chromatin immunoprecipitation; FA: Functional assay; FACS: Fluorescence-activated cell sorting; FC: Flow cytometry; ICC: Immunocytochemistry; IF: Immunofluorescence microscopy; IHC: Immunohistochemistry; IHC-P: Immunohistochemistry (paraffin-embedded); IP: Immunoprecipitation; RIA: Radioimmunoassay; WB: Western blotting

Properties

Formulation:	Purple solid
Purification:	The antibody was purified by affinity chromatography and conjugated with iFluor™ 568 under optimal conditions.
Stability and Storage:	Product stable at 2 - 8°C when stored undiluted. Do not freeze. Protect product from prolonged exposure to light. Stable until expiry date (EXP) on label.
Directions for Use:	Centrifuge vial before opening. Resuspend the product in 200 µL deionized water; this is the stock dilution (1 mg/mL). Prepare working dilution fresh each day. NOTE: Once resuspended, store stock dilution at 2 - 8°C and use within 6 months. For longer-term storage, add glycerol at 1:1 after resuspension and store as a liquid at -20°C. For ICC/IF, the suggested concentration of this antibody is 1 - 2 µg/mL. It is recommended that the antibody be titrated for optimal performance for each application.

Data



Caco-2 cells were fixed, permeabilized, and labeled with anti-human tight junction protein 1 antibody, followed by Goat Anti-Rabbit IgG (H+L) Antibody, Polyclonal, iFluor™ 568. Nuclei were counter-stained with DAPI (blue). Inset shows cells labeled with Goat Anti-Rabbit IgG (H+L) Antibody, Polyclonal, iFluor™ 568 (with DAPI staining).

Related Products

For a complete list of antibodies, including other conjugates, sizes, and clones, as well as related products available from STEMCELL Technologies, visit www.stemcell.com/antibodies, or contact us at techsupport@stemcell.com.

References

1. Zhao J et al. (2017) Overexpression of CXCR2 predicts poor prognosis in patients with colorectal cancer. *Oncotarget* 8(17): 28442–54. (IF)
2. Ma J et al. (2016) Cadherin-12 enhances proliferation in colorectal cancer cells and increases progression by promoting EMT. *Tumor Biol* 37: 9077–88. (ICC/IF)
3. Shi W et al. (2016). Transplantation of RADA16-BDNF peptide scaffold with human umbilical cord mesenchymal stem cells forced with CXCR4 and activated astrocytes for repair of traumatic brain injury. *Acta Biomaterialia* 45: 247–61. (IF, IHC)

PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.

Copyright © 2022 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, and Scientists Helping Scientists are trademarks of STEMCELL Technologies Canada Inc. All other trademarks are the property of their respective holders. While STEMCELL has made all reasonable efforts to ensure that the information provided by STEMCELL and its suppliers is correct, it makes no warranties or representations as to the accuracy or completeness of such information.