Antibodies

Goat Anti-Mouse IgG (H+L) Antibody, Polyclonal, iFluor™ 488

Goat polyclonal IgG antibody against mouse IgG (H+L), iFluor™ 488-conjugated

Catalog #100-1069

200 µg

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Product Description

The iFluor™ 488-conjugated goat anti-mouse IgG (H+L) antibody reacts with the heavy chains on mouse IgG and the light chains common in most mouse immunoglobulins.

Target Antigen Name:	IgG (H+L)
Alternative Names:	Not applicable
Gene ID:	Not applicable
Species Reactivity:	Mouse
Host Species:	Goat
Clonality:	Polyclonal
Clone:	Not applicable
Isotype:	Not applicable
Immunogen:	Not applicable
Conjugate:	iFluor™ 488

Applications

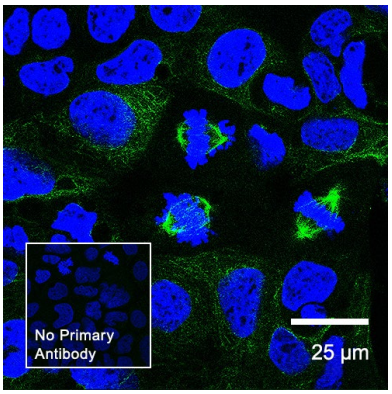
Verified:	ICC/IF
Reported:	ICC/IF, IHC

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:	Red solid
Purification:	The antibody was purified by affinity chromatography and conjugated with iFluor™ 488 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-Acetylated Alpha-Tubulin (Acetyl K40) Antibody, Clone TEU318 (Catalog #100-0753), followed by Goat Anti-Mouse IgG (H+L) Antibody, Polyclonal, iFluor™ 488. Nuclei were counter-stained with DAPI (blue). Inset shows cells labeled with Goat Anti-Mouse IgG (H+L) Antibody, Polyclonal, iFluor™ 488 (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. Yuan WM et al. (2021) SOX5 regulates cell proliferation, apoptosis, migration and invasion in KSHV-infected cells. Virol Sin 36: 449–57. (IF, IHC)
2. Zhao J et al. (2017) Overexpression of CXCR2 predicts poor prognosis in patients with colorectal cancer. Oncotarget 8(17): 28442–54. (IF)
3. 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)
4. 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)