Goat Anti-Mouse IgG (H+L) Antibody, Polyclonal, FITC

Antibodies

Goat polyclonal antibody against mouse IgG (H+L), FITC-conjugated

Catalog #60138FI

1.5 mg

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TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713
INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM
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Product Description

Fluorescein (FITC)-conjugated goat anti-mouse antibody reacts with the heavy chains on mouse IgG and the light chains common in most mouse immunoglobulins. The average molecular weight is reported to be ~160 kDa. This antibody has minimal cross-reactivity to human, cow, horse, rabbit, and pig serum proteins but may react to immunoglobulins from other species.

Target Antigen Name:	IgG (H+L)
Alternative Names:	Not applicable
Gene ID:	Not applicable
Species Reactivity:	Mouse. Minimal cross-reactivity to human, cow, horse, pig, and rabbit serum proteins
Host Species:	Goat
Clonality:	Polyclonal
Clone:	Not applicable
Isotype:	Not applicable
Immunogen:	Not applicable
Conjugate:	FITC (Fluorescein isothiocyanate)

Applications

Verified:	FC, ICC
Reported:	FC, 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; IP: Immunoprecipitation; RIA: Radioimmunoassay; WB: Western blotting

Properties

Formulation:	Lyophilized from a solution containing sodium phosphate, sodium chloride, bovine serum albumin, and sodium azide
Purification:	The antibody was purified by antigen affinity chromatography.
Stability and Storage:	Product stable at 2 - 8°C when stored undiluted. For product expiry date, please contact techsupport@stemcell.com.
Directions for Use:	Centrifuge vial before opening. Resuspend the product in 1.1 mL deionized water, this is the stock dilution. Centrifuge if solution is not clear. Prepare working dilution fresh each day. NOTE: Once resuspended, store stock dilution at 2 - 8°C and use within 6 weeks or aliquot and store at -80°C. Alternatively, add glycerol at 1:1 after resuspension and store as a liquid at -20°C. Avoid repeated freeze-thaw cycles. The suggested use of this antibody is: FC, ≤ 0.75 µg per 1 x 10^6 cells in 100 µL; ICC, 15 µg/mL. It is recommended that the antibody be titrated for optimal performance for each application.

Related Products

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

References

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3. Rutella S et al. (2009) Cells with characteristics of cancer stem/progenitor cells express the CD133 antigen in human endometrial tumors. Clin Cancer Res 15(13): 4299–311. (IF, IHC)
4. Yoder MC et al. (2007) Redefining endothelial progenitor cells via clonal analysis and hematopoietic stem/progenitor cell principals. Blood 109(5): 1801–9. (ICC, IF)
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