

Antibodies

Goat Anti-Rabbit IgG (H+L) Antibody, Polyclonal, AMCA

Goat polyclonal antibody against
rabbit IgG (H+L), AMCA-conjugated

Catalog #60129AV

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

Aminomethylcoumarin (AMCA)-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. This antibody has minimal cross-reactivity to human, mouse, and rat 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:	Rabbit. Minimal cross-reactivity to human, mouse, and rat serum proteins
Host Species:	Goat
Clonality:	Polyclonal
Clone:	Not applicable
Isotype:	Not applicable
Immunogen:	Not applicable
Conjugate:	AMCA (Aminomethylcoumarin)

Applications

Verified:	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:	Freeze-dried 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. Protect product from prolonged exposure to light. 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. For immunocytochemistry the suggested concentration of this antibody is 1:100 dilution. 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

1. Ferreira JS et al. (2015) GluN2B-containing NMDA receptors regulate AMPA receptor traffic through anchoring of the synaptic proteasome. *J Neurosci* 35(22): 8462–79. (ICC, IF)
2. Zimberlin CD et al. (2015) HDAC1 and HDAC2 collectively regulate intestinal stem cell homeostasis. *FASEB J* 29(5): 2070–80. (IF, IHC)
3. Fukumoto R et al. (2014) Ciprofloxacin enhances stress erythropoiesis in spleen and increases survival after whole-body irradiation combined with skin-wound trauma B. Ryffel, ed. *PLoS One* 9(2): e90448. (IF, IHC)
4. Posod A et al. (2014) The common antitussive agent dextromethorphan protects against hyperoxia-induced cell death in established in vivo and in vitro models of neonatal brain injury. *Neuroscience* 274: 260–72. (IHC, WB)
5. Schenke-Layland K et al. (2007) Collagen IV induces trophoectoderm differentiation of mouse embryonic stem cells. *Stem Cells* 25(6): 1529–38. (ICC, IF)

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