

normal rabbit IgG-AC: sc-2345

BACKGROUND

Santa Cruz Biotechnology offers a wide variety of control immunoglobulin and control sera for a large selection of species, including mouse, rabbit, goat, chicken, rat, hamster, canine, guinea pig and sheep. Control immunoglobulin and immunoglobulin conjugates are useful negative controls. Normal sera is offered to be used as blocking reagents. Santa Cruz Biotechnology offers affinity purified normal immunoglobulins and immunoglobulin conjugates for use as negative controls in applications including flow cytometry, immunohistochemistry, immunofluorescence, Western Blotting and immunoprecipitation. Agarose (AC) conjugated IgGs are provided for immunoprecipitation; horseradish peroxidase (HRP) conjugates are provided for Western Blotting and immunohistochemistry; and Biotin (B) conjugates are provided for immunohistochemistry. A broad range of fluorescent conjugated controls are also available for use in flow cytometry and immunofluorescence applications. Most control immunoglobulins are available as unconjugated controls or as FITC (fluorescein isothiocyanate), PE (phycoerythrin), PE-Cy5 (phycoerythrin-Cy5), PE-Cy7 (phycoerythrin-Cy7), APC (allophycocyanin) and APC-Cy7 (allophycocyanin-Cy7) conjugates. Additional conjugates include Alexa Fluor® 488, Alexa Fluor® 647, Alexa Fluor® 405, PerCP (peridinin chlorophyll protein complex) and PerCP-Cy5.5 (peridinin chlorophyll protein complex-Cy 5.5). Isotype specific control immunoglobulins include classes such as mouse IgG₁, IgG_{2a}, IgG_{2b}, IgG₃, IgM and IgA, rat IgG₁, IgG_{2a}, IgG_{2b} and IgM, Armenian hamster IgG, and both goat and rabbit IgG.

SOURCE

Normal rabbit IgG-AC is an affinity purified isotype control immunoglobulin from rabbit.

PRODUCT

Each vial contains 250 µg rabbit IgG conjugated to 125 µl beads in 0.5 ml PBS with 0.02% sodium azide.

APPLICATIONS

Normal rabbit IgG-AC is recommended for use as an isotype control immunoglobulin in place of a target specific primary antibody of the same isotype (rabbit IgG) by immunoprecipitation. To be used at an assay dependent dilution.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.

RECOMMENDED SUPPORT PRODUCTS

A. PRIMARY SUPPORT PRODUCTS

- RIPA Lysis Buffer System sc-24948
- PBS: 1 L of 10X sc-24946
- Electrophoresis Sample Buffer, 2X sc-24945

B. ALTERNATIVE SUPPORT PRODUCTS

- normal rabbit IgG: sc-2027
- Protein A-Agarose: sc-2001
- Protein G PLUS-Agarose: sc-2002
- Protein A/G PLUS-Agarose: sc-2003

SELECT PRODUCT CITATIONS

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5. Wu, X., et al. 2008. Cooperation between EZH2, NSPc1-mediated histone H2A ubiquitination and Dnmt1 in HOX gene silencing. *Nucleic Acids Res.* 36: 3590-3599.
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7. Chamberlain, M.D., et al. 2010. Deregulation of Rab5 and Rab4 proteins in p85R274A-expressing cells alters PDGFR trafficking. *Cell. Signal.* 22: 1562-1575.
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