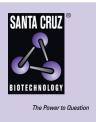
# SANTA CRUZ BIOTECHNOLOGY, INC.

# normal mouse IgG<sub>3</sub>-PE: sc-2869



### 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<sup>®</sup> 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,IgG2a, IgG2h, IgG3, IgM and IgA, rat IgG1, IgG2a, IgG2b and IgM, Armenian hamster IgG, and both goat and rabbit IgG.

### SOURCE

normal mouse  $\lg G_3$ -PE is an affinity purified, PE (phycoerythrin) conjugated isotype control immunoglobulin from mouse.

#### PRODUCT

Each vial contains 200  $\mu g$  mouse  $IgG_3$  in 1.0 ml PBS containing 1% stabilizer protein and 0.02% sodium azide.

#### **APPLICATIONS**

normal mouse  $IgG_3$ -PE is recommended for use as an isotype control immunoglobulin in place of a target specific primary antibody of the same isotype (mouse  $IgG_3$ ) by immunofluorescence, immunohistochemical staining (including paraffin-embedded sections) and flow cytometry. To be used at an assay dependent dilution.

#### **STORAGE**

Store at 4° C, \*\*D0 NOT FREEZE\*\*. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## PROTOCOLS

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

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#### **RECOMMENDED SUPPORT PRODUCTS**

- CrystalCruz<sup>™</sup> Cover Glasses, 22 x 50 mm: sc-24975
- PBS, powder: sc-24947
- Formaldehyde: sc-203049
- Hydrogen Peroxide: sc-203336
- Organo/Limonene Mount: sc-45087
- UltraCruz<sup>®</sup> Mounting Medium: sc-24941
- ImmunoHistoMount: sc-45086
- Immuno In Situ Mount: sc-45088
- Xylenes: sc-237422
- Hematoxylin: sc-24973
- FCM Lysing solution: sc-3621
- FCM Fixation Buffer: sc-3622
- FCM Permeabilization Buffer: sc-3623
- FCM Wash Buffer: sc-3624
- Intracellular FCM System: sc-45063

#### SELECT PRODUCT CITATIONS

 Tang, L.L., et al. 2007. Evaluation of the biocompatibility of acellular porcine dermis. Colloids. Surf. B. Biointerfaces 57: 215-218.

#### **RESEARCH USE**

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