

normal sheep IgG: sc-2717

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 ovine. 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 and immunofluorescence. 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. 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).

SOURCE

normal sheep IgG is an affinity purified, unconjugated conjugated isotype control immunoglobulin from sheep.

PRODUCT

Each vial contains 200 µg sheep IgG in 0.5 ml PBS with 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

normal sheep IgG is recommended for use as a isotype control immunoglobulin in place of a target specific primary antibody of the same isotype (sheep IgG) by Western blotting, immunofluorescence staining, immunohistochemical staining and flow cytometry. 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.

RECOMMENDED SUPPORT PRODUCTS

- CrystalCruz[™] 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[®] Mounting Medium: sc-24941
- ImmunoHistoMount: sc-45086
- Immuno In Situ Mount: sc-45088
- Paraffin: sc-286633
- Xylenes: sc-237422
- Hematoxylin: sc-24973
- 10X liquid PBS: sc-24946
- RIPA Lysis Buffer System: sc-24948
- Phenylmethylsulfonyl Fluoride (PMSF): sc-3597
- Electrophoresis Sample Buffer, 2X: sc-24945
- Phosphatase Inhibitor Cocktail A/B: sc-45044/5
- Complete[™] Protease Inhibitor Cocktail Tablet: sc-29130
- TBS Blotting A: sc-2333
- TBS Blotting B: sc-2335
- Western Blotting Luminol Reagent: sc-2048
- Protein A-Agarose: sc-2001
- Protein G PLUS-Agarose: sc-2002
- Protein A/G PLUS-Agarose: sc-2003
- Protein L-Agarose: sc-2336

SELECT PRODUCT CITATIONS

1. Dwivedi, P.P., et al. 2013. Regulation of bone morphogenetic protein signalling and cranial osteogenesis by Gpc1 and Gpc3. *Bone* 55: 367-376.
2. Stefanska, B., et al. 2013. Transcription onset of genes critical in liver carcinogenesis is epigenetically regulated by methylated DNA-binding protein MBD2. *Carcinogenesis* 34: 2738-49.

PROTOCOLS

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