

# normal chicken IgY: sc-2718

## 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, dog, 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, as well as biotin (B) conjugates 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 IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM and IgA, rat IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub> and IgM, Armenian hamster IgG, and both goat and rabbit IgG.

## SOURCE

normal chicken IgY is an affinity purified, unconjugated isotype control immunoglobulin from chicken.

## PRODUCT

Each vial contains 200 µg chicken IgY in PBS containing 0.1% gelatin and 0.1% sodium azide.

## APPLICATIONS

normal chicken IgY is recommended for use as an isotype control immunoglobulin in place of a target specific primary antibody of the same isotype (chicken IgY) by Western Blotting, immunoprecipitation and immunohistochemical staining. 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

### A. TISSUE CULTURE CELLS

- PBS, powder: sc-24947
- Hydrogen Peroxide: sc-203336

### B. FROZEN TISSUE SECTIONS

- Organo/Limonene Mount: sc-45087
- UltraCruz™ Mounting Medium: sc-24941
- ImmunoHistoMount: sc-45086
- Immuno In Situ Mount: sc-45088

### C. FORMALIN-FIXED, PARAFFIN-EMBEDDED TISSUE SECTIONS

- Xylenes: sc-237422
- Hematoxylin: sc-24973

### D. WESTERN BLOTTING

- 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 Blotto A: sc-2333
- TBS Blotto B: sc-2335
- Western Blotting Luminol Reagent: sc-2048

### E. IMMUNOPRECIPITATION

- Protein A-Agarose: sc-2001
- Protein G PLUS-Agarose: sc-2002
- Protein A/G PLUS-Agarose: sc-2003
- Protein L-Agarose: sc-2336

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) or our catalog for detailed protocols and support products.