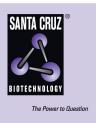
# SANTA CRUZ BIOTECHNOLOGY, INC.

# goat anti-mouse IgA-R: sc-3694



### BACKGROUND

Santa Cruz Biotechnology's secondary antibodies are available conjugated to either an enzyme, biotin or fluorophore for use in a variety of antibody-based applications including Western Blot, immunostaining, flow cytometry and ELISA. Secondary antibodies are commonly affinity purified against immobilized whole IgG or against antibody fragments. Santa Cruz Biotechnology offers isotype-specific secondary antibodies for immunohistochemistry and flow cytometry that specifically detect mouse immunoglobulin classes such as  $IgG_1$ ,  $IgG_{2a}$ ,  $IgG_{2b}$ ,  $IgG_3$ , IgM and IgA. Isotype-specific secondary antibodies are available conjugated to either biotin, FITC (fluorescein isothiocyanate), Texas Red<sup>®</sup>, TRITC (tetramethyl rhodamine iso-thiocyanate), PE (phycoery-thrin), PerCP (peridinin chlorophyll protein complex) and PerCP-Cy5.5 (peridinin chlorophyll protein complex) with cyanin-5.5).

# SOURCE

goat anti-mouse IgA-R is a pre-adsorbed, affinity purified secondary antibody raised in goat against mouse IgA and conjugated to rhodamine.

#### PRODUCT

Each vial contains 200  $\mu g$  goat IgA (pre-adsorbed with human IgG) in 0.5 ml of PBS containing 0.02% sodium azide.

#### APPLICATIONS

goat anti-mouse IgA-R is recommended for detection of mouse IgA by immunofluorescence staining (starting dilution: 1:100, dilution range: 1:100-1:400) and immunohistochemical staining (starting dilution: 1:100, dilution range: 1:100-1:400).

### **RECOMMENDED SUPPORT PRODUCTS**

#### A. TISSUE CULTURE CELLS

- CrystalCruz<sup>™</sup> Cover Glasses, 22 x 50 mm, precleaned: sc-24975
- CrystalCruz™ Micro Slides 75 x 25 mm; 72 frosted sides: sc-24976
- PBS (Phosphate Buffered Saline), powder, 1 packet: sc-24947
- Formaldehyde, 37% formaldehyde solution, 25 ml: sc-203049
- Hydrogen Peroxide, 30% solution, 100 ml: sc-203336

#### **B. FROZEN TISSUE SECTIONS**

- Organo/Limonene Mount, non-toxic alternative to Permount, 100 ml: sc-45087
- UltraCruz™ Mounting Medium, aqueous-based, 10 ml: sc-24941
- ImmunoHistoMount, aqueous-based mounting medium, 30 ml: sc-45086
- Immuno In Situ Mount, for use with in situ hybridization, 30 ml: sc-45088
- C. FORMALIN-FIXED, PARAFFIN-EMBEDDED TISSUE SECTIONS
- Paraffin, for the preparation of tissue samples for staining, 500 g: sc-286633
- Xylenes, mixed isomers with ethylbenzene, 500 ml: sc-237422
- Hematoxylin, Gill's Formulation #2; nuclear counter stain, 100 ml: sc-24973

# **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.

Texas Red<sup>®</sup> is a registered trademark of Molecular Probes (6/02).