

## goat anti-mouse IgG2b-B: sc-2074

### 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 IgG1, IgG2a, IgG2b, IgG3, IgM and IgA. Isotype-specific secondary antibodies are available conjugated to either biotin, FITC (fluorescein isothiocyanate), Texas Red®, TRITC (tetramethyl rhodamine iso-thiocyanate), PE (phycoerythrin), PerCP (peridinin chlorophyll protein complex) and PerCP-Cy5.5 (peridinin chlorophyll protein complex with cyanin-5.5).

### SOURCE

goat anti-mouse IgG2b-B is a pre-adsorbed, affinity purified secondary antibody raised in goat against mouse IgG2b and conjugated to biotin.

### PRODUCT

Each vial contains 200 µg mouse IgG2b (pre-adsorbed with human IgG) in 0.5 ml of PBS containing 0.02% sodium azide.

### APPLICATIONS

goat anti-mouse IgG2b-B is recommended for detection of mouse IgG2b 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™ 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.