

# donkey anti-rabbit IgG-B: sc-2089

## 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 an extensive selection of secondary antibodies optimized for immunohistochemistry and flow cytometry, and are labeled with 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). Immunohistochemistry and flow cytometry secondary antibodies are specific for commonly used primary antibody species, including goat, rabbit, mouse and rat.

## SOURCE

donkey anti-rabbit IgG-B is a pre-adsorbed, affinity purified secondary antibody raised in donkey against rabbit IgG and conjugated to biotin.

## PRODUCT

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

## APPLICATIONS

donkey anti-rabbit IgG-B is recommended for detection of rabbit IgG 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

## RESEARCH USE

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

## SELECT PRODUCT CITATIONS

1. Duvoix, A., et al. 2003. Induction of apoptosis by curcumin: mediation by glutathione S-transferase P1-1 inhibition. *Biochem. Pharmacol.* 66: 1475-1483.
2. Bhattacharyya, S., et al. 2008. Smad-independent transforming growth factor-β regulation of early growth response-1 and sustained expression in fibrosis: implications for scleroderma. *Am. J. Pathol.* 173: 1085-1099.
3. Abdeen, A., et al. 2009. Correlation between clinical outcome and growth factor pathway expression in osteogenic sarcoma. *Cancer* 115: 5243-5250.
4. Mikedis, M.M., et al. 2009. Collagen type IV and Perlecan exhibit dynamic localization in the allantoic core domain, a putative stem cell niche in the murine allantois. *Dev. Dyn.* 238: 3193-3204.
5. Schupp, N., et al. 2010. Mineralocorticoid receptor-mediated DNA damage in kidneys of DOCA-salt hypertensive rats. *FASEB J.* E-published.

## STORAGE

Store at 4° C, \*\*DO NOT FREEZE\*\*. Stable for one year from the date of shipment.

## PROTOCOLS

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

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