



chicken anti-goat IgG-R: sc-2860

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

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

PRODUCT

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

APPLICATIONS

chicken anti-goat IgG-R is recommended for detection of goat 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. Jurewicz, A., et al. 2005. Tumour necrosis factor-induced death of adult human oligodendrocytes is mediated by apoptosis inducing factor. *Brain* 128: 2675-2688.
2. Runyan, C.E., et al. 2005. The role of internalization in transforming growth factor β 1-induced Smad2 association with Smad anchor for receptor activation (SARA) and Smad2-dependent signaling in human mesangial cells. *J. Biol. Chem.* 280: 8300-8308.
3. Morales, A., et al. 2007. Expression and localization of endocrine gland-derived vascular endothelial growth factor (EG-VEGF) in human pancreas and pancreatic adenocarcinoma. *J. Steroid Biochem. Mol. Biol.* 107: 37-41.
4. Ukekawa, R., et al. 2007. Accumulation of multiple forms of lamin A with down-regulation of FACE-1 suppresses growth in senescent human cells. *Genes Cells* 12: 397-406.
5. Morales, A., et al. 2008. Endocrine gland-derived vascular endothelial growth factor in rat pancreas: genetic expression and testosterone regulation. *J. Endocrinol.* 197: 309-314.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PROTOCOLS

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

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