

normal rabbit IgG: sc-3888

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, canine, 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 IgG₁, IgG_{2a}, IgG_{2b}, IgG₃, IgM and IgA, rat IgG₁, IgG_{2a}, IgG_{2b} and IgM, Armenian hamster IgG, and both goat and rabbit IgG.

SOURCE

normal rabbit IgG is an affinity purified, unconjugated isotype control immunoglobulin from rabbit.

SOURCE

Each vial contains 200 µg in 1 ml of PBS, 0.1% gelatin and 0.1% sodium azide.

APPLICATIONS

normal rabbit IgG is recommended for use as an isotype control immunoglobulin in place of a target specific primary antibody of the same isotype (rabbit IgG) by flow cytometry. To be used at an assay dependent dilution.

RECOMMENDED SUPPORT PRODUCTS

- FCM Lysing solution: sc-3621
- FCM Fixation Buffer: sc-3622
- FCM Permeabilization Buffer: sc-3623
- FCM Wash Buffer: sc-3624
- Intracellular FCM System: sc-45063

STORAGE

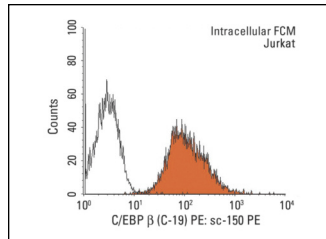
Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

Alexa Fluor® is a trademark of Molecular Probes, Inc., Oregon, USA

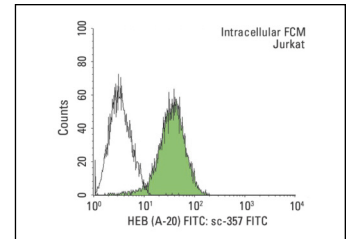
RESEARCH USE

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

DATA



C/EBP β (C-19): sc-150. Indirect, intracellular FCM analysis of fixed and permeabilized Jurkat cells stained with C/EBP β (C-19), followed by PE-conjugated chicken anti-rabbit IgG: sc-3762. Black line histogram represents the isotype control, normal rabbit IgG: sc-3888.



HEB (A-20): sc-357. Indirect, intracellular FCM analysis of fixed and permeabilized Jurkat cells stained with HEB (A-20), followed by FITC-conjugated bovine anti-rabbit IgG: sc-2365. Black line histogram represents the isotype control, normal rabbit IgG: sc-3888.

SELECT PRODUCT CITATIONS

1. Yashiro-Ohtani, Y., et al. 2009. Pre-TCR signaling inactivates Notch1 transcription by antagonizing E2A. *Genes Dev.* 23: 1665-1676.
2. Ishida, M., et al. 2010. Alteration of the PKC θ-Vav1 complex and phosphorylation of Vav1 in TCDD-induced apoptosis in the lymphoblastic T cell line, L-MAT. *Toxicology* 275: 72-78.
3. Couturier, M., et al. 2010. High affinity binding between Hsp70 and the C-terminal domain of the measles virus nucleoprotein requires an Hsp40 co-chaperone. *J. Mol. Recognit.* 23: 301-315.
4. Dartt, D.A., et al. 2011. Conjunctival goblet cell secretion stimulated by leukotrienes is reduced by resolvins D1 and E1 to promote resolution of inflammation. *J. Immunol.* 186: 4455-4466.
5. Srivastava, V., et al. 2011. Suppressors of cytokine signaling inhibit effector T cell responses during *Mycobacterium tuberculosis* infection. *Immunol. Cell Biol.* 89: 786-791.
6. Oliveira, L., et al. 2012. Group B streptococcus GAPDH is released upon cell lysis, associates with bacterial surface, and induces apoptosis in murine macrophages. *PLoS ONE* 7: e29963.
7. Hernández-Hernández, J.M., et al. 2013. The scaffold attachment factor β1 (Safb1) regulates myogenic differentiation by facilitating the transition of myogenic gene chromatin from a repressed to an activated state. *Nucleic Acids Res.* 41: 5704-5716.
8. Modi, K.K., et al. 2015. Sodium benzoate, a metabolite of cinnamon and a food additive, upregulates ciliary neurotrophic factor in astrocytes and oligodendrocytes. *Neurochem. Res.* 40: 2333-2347.

PROTOCOLS

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