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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

mouse anti-goat IgG-PE: sc-3752

BACKGROUND

Santa Cruz Biotechnology's high quality, well characterized monoclonal secondary antibodies are available conjugated to either an enzyme, biotin or fluorophore for use in a variety of antibody-based applications, including Western blotting, immunostaining and flow cytometry. Santa Cruz secondary antibodies are commonly affinity purified against immobilized whole IgG isotypes, including IgG₁, IgG_{2a}, IgG_{2b}, IgG₃ and IgG₄. Monoclonal secondary antibodies are available conjugated to HRP for Western blotting (WB) and immunohistochemistry (IHC); (CM) or Cruz Marker form of HRP conjugated secondary antibodies are suitable for use with our Cruz Marker™ molecular weight standards; FITC (fluorescein isothiocyanate), PE (phycoerythrin), R (TRITC: tetramethyl rhodamine isothiocyanate), TR (Texas Red®), PerCP (peridinin chlorophyll protein complex), PerCP-Cy5.5 (peridinin chlorophyll protein complex with cyanin-5.5), and CruzFluor™ (488, 555 and 594) for immunofluorescence (IF), immunohistochemistry (IHC) and flow cytometry (FCM); B (biotin) for immunohistochemistry (IHC); AP (alkaline phosphatase) for Western blotting (WB); and CruzFluor® 680 and 790 for near-infrared (NIR) Western blotting (WB), immunofluorescence (IF), immunohistochemistry (IHC) and flow cytometry (FCM).

SOURCE

mouse anti-goat IgG-PE is an affinity purified secondary antibody raised in mouse against goat IgG and conjugated to PE (phycoerythrin).

PRODUCT

Each vial contains 200 µg mouse IgG in 0.5 ml of PBS containing 0.1% gelatin and 0.1% sodium azide.

APPLICATIONS

mouse anti-goat IgG-PE is recommended for detection of goat IgG by immunofluorescence staining (starting dilution: 1:100, dilution range: 1:100-1:400), immunohistochemical staining (starting dilution: 1:100, dilution range: 1:100-1:400) and flow cytometry (0.5-1 µg per 1 x 10⁶ cells). Optimal dilution to be determined by titration.

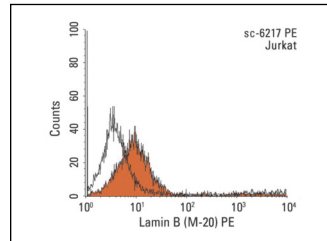
RECOMMENDED SUPPORT PRODUCTS

- CrystalCruz® Cover Glasses, 22 x 50 mm, precleaned: sc-24975
- 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
- Organo/Limonene Mount, non-toxic alternative to Permout, 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
- 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.

DATA



mouse anti-goat IgG-PE: sc-3752. Indirect, intracellular FCM analysis of fixed and permeabilized Jurkat cells stained with Lamin B (M-20), followed by PE-conjugated mouse anti-goat IgG: sc-3752. Black line histogram represents the isotype control, normal goat IgG: sc-3887. Antibody tested: Lamin B (M-20): sc-6217.

SELECT PRODUCT CITATIONS

- Aishima, M., et al. 2006. Actions of ZD0947, a novel ATP-sensitive K⁺ channel opener, on membrane currents in human detrusor myocytes. *Br. J. Pharmacol.* 149: 542-550.
- Yang, X., et al. 2007. Overexpression of fucosyltransferase IV in A431 cell line increases cell proliferation. *Int. J. Biochem. Cell Biol.* 39: 1722-1730.
- Petrovi -Djergovi, D.M., et al. 2007. Somatostatin modulates T cells development in adult rat thymus. *Regul. Pept.* 142: 101-110.
- Gallot, D., et al. 2008. Effects of maternal retinoic acid administration in a congenital diaphragmatic hernia rabbit model. *Pediatr. Pulmonol.* 43: 594-603.
- Zhu, H.L., et al. 2008. Molecular and biophysical properties of voltage-gated Na⁺ channels in murine vas deferens. *Biophys. J.* 94: 3340-3351.
- Wu, L.F., et al. 2009. Differentiation of Wharton's jelly primitive stromal cells into insulin-producing cells in comparison with bone marrow mesenchymal stem cells. *Tissue Eng. Part A.* 15: 2865-2873.
- Anastasiadou, E., et al. 2009. Epstein-Barr virus infection leads to partial phenotypic reversion of terminally differentiated malignant B cells. *Cancer Lett.* 284: 165-174.
- Moraveji, S.F., et al. 2012. Inhibition of glycogen synthase kinase-3 promotes efficient derivation of pluripotent stem cells from neonatal mouse testis. *Hum. Reprod.* 27: 2312-2324.

RESEARCH USE

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

PROTOCOLS

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

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