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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet for D104-00-0050

Goat Serum (sterile)

Overview

Description:	Goat Serum (Sterile) - D104-00-0050
Item No.:	D104-00-0050
Size:	50 mL
Applications:	IF, IHC
Origin:	Goat

Product Details

Background:	Goat Serum is used as a supplement to cell culture media. Goat Serum provides a broad spectrum of macromolecules, carrier proteins for lipoid substances and trace elements, attachment and spreading factors, low molecular weight nutrients, and hormones and growth factors that promote cell growth and health. Be certain to maintain Good Cell Culture Practice, and maintain sterility of cultures that require media supplementation.
Synonyms:	Goat serum for cell culture, cell culture grade goat serum, sterile serum from goat.
Species of Origin:	Goat

Application Details

Suggested Applications:	IF, IHC (Based on references)
Application Note:	pH: normal Immunoelectrophoresis: normal Hemoglobin: normal IgG Concentration: normal
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Tissue Data

Tissue Type:	Serum
Sex:	Mixed
Strain:	Goat - Mixed

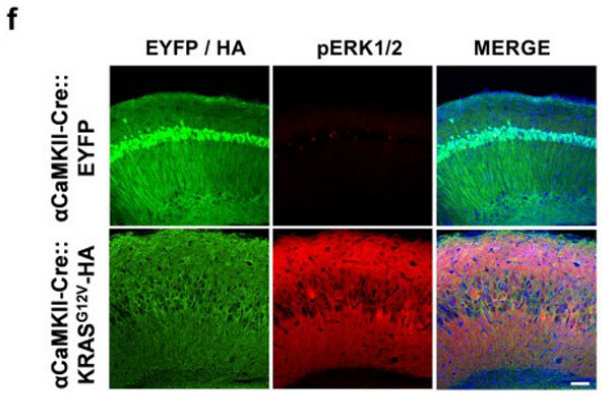
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	85 mg/mL by Refractometry
Buffer:	None
Sterility:	Sterile
Preservative:	None
Stabilizer:	None

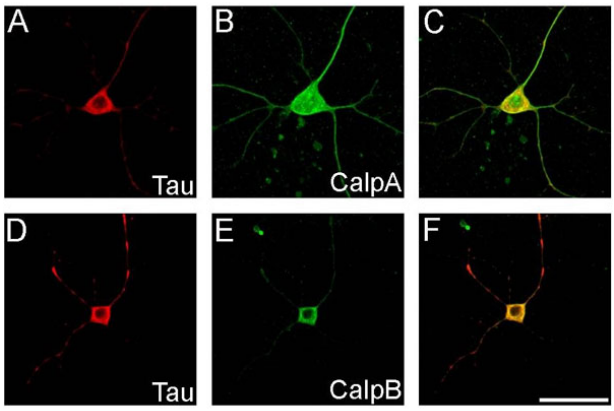
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store container at -20° C prior to opening. Avoid cycles of freezing and thawing. Use aseptic technique to maintain sterility when opening product.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry
Ectopic expression of KRASG12V in excitatory neurons impairs spatial memory and induces ERK activation. (f) Representative images of immunohistochemistry from slices expressing EYFP or KRASG12V in excitatory neurons. Slices were immunostained for HA (green), p-ERK1/2 (red), and DAPI (blue). Scale bar = 80 µm. Brain sections were washed with PBS and transferred into the blocking solution [0.2% Triton-X 100 and 4% goat serum (p/n D104-00–0050) in PBS] for 1 h at room temperature. Figure 3. PMID: 33082413.



Immunohistochemistry
Colocalization of tau and calpain in Drosophila neurons. Neuronal cells cultured from late 3rd instar larvae expressing tauWT were stained for tau in red (A and D), calpain A and calpain B in green (B and E, respectively), with colocalization shown in yellow (C and F). The expression pattern of calpain A and B was similar to that of tau, with the primary site of colocalization in the neuronal cell body. Cells were blocked for 30 minutes at room temperature in PBT plus 0.2% bovine serum albumin and 5% normal goat serum (p/n D104-00-0050). Scale bar =5 µM. Figure 1. PMID: 21858230.

Bottle
Goat Serum is used as a supplement to cell culture media. Goat Serum provides a broad spectrum of macromolecules, carrier proteins for lipoid substances and trace elements, attachment and spreading factors, low molecular weight nutrients, and hormones and growth factors that promote cell growth and health. Be certain to maintain Good Cell Culture Practice, and maintain sterility of cultures that require media supplementation.

References

- Pressly BB et al. Adeno-Associated Viral Vector Immobilization and Local Delivery from Bare Metal Surfaces. *Methods Mol Biol.* (2022)
- Ryu HH et al. Neuron type-specific expression of a mutant KRAS impairs hippocampal-dependent learning and memory. *Sci Rep.* (2020)
- Rappa et al. Ethanol induces upregulation of the nerve growth factor receptor CD271 in human melanoma cells via nuclear factor-κB activation. *Oncology Letters* (2015)
- Reinecke JB et al. Implicating calpain in tau-mediated toxicity in vivo. *PloS One* (2011)

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.