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www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for D120-00-0050

Donkey Serum Sterile

Overview

Description:	Donkey Serum (Sterile) - D120-00-0050
Item No.:	D120-00-0050
Size:	50 mL
Applications:	IF, IHC, Multiplex
Origin:	Donkey

Product Details

Background:	Sterile Donkey Serum is used as a supplement to cell culture media. Donkey 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:	sterile Donkey serum for cell culture, cell culture grade donkey serum, sterile serum from donkey
Species of Origin:	Donkey

Application Details

Suggested Applications:	IF, IHC, Multiplex (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:	Donkey - Mixed

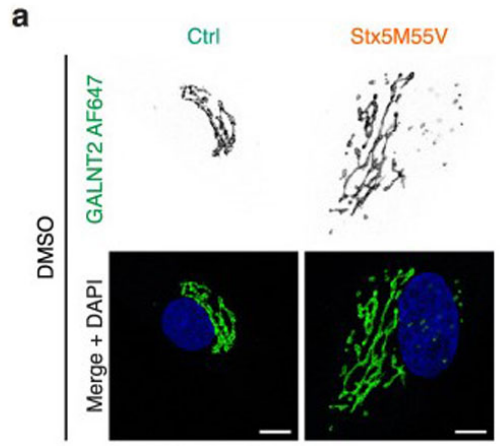
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	100 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



Immunofluorescence Microscopy
Loss of Stx5S compromises ER–Golgi trafficking.
(a) Immunofluorescence microscopy of GALNT2 (green in merge) in primary human dermal fibroblasts of healthy donors (green, Ctrl) or Stx5M55V patients (orange, Stx5M55V) in the absence or presence of brefeldin A (BFA) for 6 min and washout for the indicated times. Representative confocal micrographs are shown. Following quenching with 50 mM NH4Cl in PBS, cells were permeabilized and blocked in 2% normal donkey serum (p/n D120-00-0050) and 0.1% saponin (permeabilization buffer) for 30 min at RT. Scale bars, 10 µm. DAPI in blue. Fig. 5. PMID: 34711829.



Bottle
Donkey Serum is used as a supplement to cell culture media. Donkey 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

- Chi G et al. High mobility group box-1 protein promotes astrocytic CCL5 production through the MAPK/NF-κB pathway following spinal cord injury. *Sci Rep.* (2024)
- Linders, PTA et al. Congenital disorder of glycosylation caused by starting site-specific variant in syntaxin-5. *Nature Communications* (2021)
- Hilgen G et al. Subcellular distribution of connexin45 in OFF bipolar cells of the mouse retina. *J Comp Neurol.* (2011)

Disclaimer

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