Datasheet for ABIN7595613

anti-STMN2 antibody (C-Term) (FL550)

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Overview

Quantity:	200 µL
Target:	STMN2
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STMN2 antibody is conjugated to FL550
Application:	Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-SCG10/Stathmin-2 Antibody FL550 Conjugate
Immunogen:	Synthetic peptide 155-179 C-terminus of rat SCG10 (ERLQEKERHAAEVRRNKELQVELSG, accession number P21818)
Clone:	L5-1
Isotype:	IgG2b
Specificity:	No off-targets reported
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Description: Our Anti-SCG10/Stathmin-2 mouse monoclonal primary antibody is produced in-house from hybridoma clone L5/1. It detects human, mouse, and rat SCG10/Stathmin-2, and is purified by Protein A chromatography. It is great for use in IHC, ICC.

Product Details

	Manufacturer Comment: We produce our SCG10/Stathmin-2 mouse monoclonal primary antibody from hybridoma clone L5/1. It is great in IHC, ICC and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb.
Purity:	> 90 % specific antibody

Target Details

Target:	STMN2
Alternative Name:	Stathmin-2 (STMN2 Products)
Background:	Synonyms: Stathmin-2 (Superior cervical ganglion-10 protein) (Protein SCG10) Target Description: Stathmin 2, Superior Cervical Ganglia, Neural Specific 10 (SCG10) is encoded by the gene STMN2 and is a member of the stathmin family of phosphoproteins. Stathmin 2 is involved in regulation of microtubule dynamics and signal transduction. In this manner, Stathmin 2 plays a regulatory role in neuronal growth. Stathmin 2 is expressed in brain in neurons and present in growth cones developing neurons. Diseases associated with STMN2 include down syndrome and Creutzfeldt-jakob disease. Gene Name Alternatives: Stmn2 Scg10 Scgn10
Molecular Weight:	~20 kDa L5/1 does not work for immunoblotting

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Expiry Date:	12 months