

SorLA Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1151
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human SorLA expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Sortilin-related receptor
Synonyms	SORL1; C11orf32; Sortilin-related receptor; Low-density lipoprotein receptor relative with 11 ligand-binding repeats; LDLR relative with 11 ligand-binding repeats; LR11; SorLA-1; Sorting protein-related receptor containing LDLR class A repe

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a mosaic protein that belongs to at least two families: the vacuolar protein sorting 10 (VPS10) domain-containing receptor family, and the low density lipoprotein receptor (LDLR) family. The encoded protein also contains fibronectin type III repeats and an epidermal growth factor repeat. The encoded preproprotein is proteolytically processed to generate the mature receptor, which likely plays roles in endocytosis and sorting. Mutations in this gene may be associated with Alzheimer's disease.

Recommended Dilution

ELISA: 1:10000

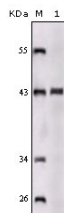
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

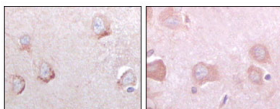
WB: 1:500 - 1:2000

Not yet tested in other applications.

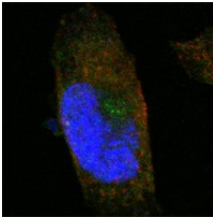
Images



Western Blot analysis using SorLA Monoclonal antibody against truncated SorLA recombinant protein.



Immunohistochemistry analysis of paraffin-embedded human cerebrum tissues with DAB staining using SorLA Monoclonal antibody.



Confocal immunofluorescence analysis of PANC-1 cells using SorLA Monoclonal antibody (green).
Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

Storage

-20°C for one year

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