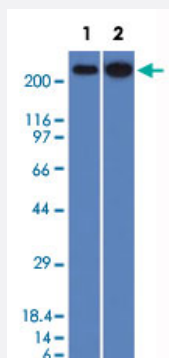


SPTBN2 monoclonal antibody, clone SPTBN2/1582

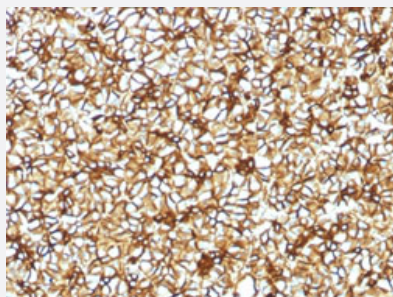
Catalog # MAB14992 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: HeLa and Lane 2: 293 cell lysates with SPTBN2 monoclonal antibody, clone SPTBN2/1582 (Cat # MAB14992).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with SPTBN2 monoclonal antibody, clone SPTBN2/1582 (Cat # MAB14992).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human SPTBN2.
Immunogen	Recombinant protein corresponding to amino acids 356-475 of human SPTBN2.
Host	Mouse
Theoretical MW (kDa)	246
Reactivity	Human
Form	Liquid

Purification	Protein A/G purification
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: HeLa and Lane 2: 293 cell lysates with SPTBN2 monoclonal antibody, clone SPTBN2/1582 (Cat # MAB14992).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with SPTBN2 monoclonal antibody, clone SPTBN2/1582 (Cat # MAB14992).

- Immunofluorescence

- Flow Cytometry

Gene Info — SPTBN2

Entrez GeneID	6712
Protein Accession#	O15020
Gene Name	SPTBN2
Gene Alias	GTRAP41, SCA5
Gene Description	spectrin, beta, non-erythrocytic 2
Omim ID	600224 604985

Gene Ontology	Hyperlink
Gene Summary	beta
Other Designations	beta-III spectrin spinocerebellar ataxia 5

Publication Reference

- [Functional diversity among spectrin isoforms.](#)

Coleman TR, Fishkind DJ, Mooseker MS, Morrow JS.
Cell Motility and the Cytoskeleton 1989 Jan; 12(4):225.

- [The present status of erythrocyte spectrin structure: the 106-residue repetitive structure is a basic feature of an entire class of proteins.](#)

Speicher DW.
Journal of Cellular Biochemistry 1986 Jan; 30(3):245.

Disease

- [Spinocerebellar ataxia](#)
- [Spinocerebellar Ataxias](#)