

KD-Validated Anti-SPTAN1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2097

Product Information

Application	WB
Primary Accession	Q13813
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB13380
Calculated MW	284539
Gene Name	SPTAN1
Aliases	SPTAN1; Spectrin Alpha, Non-Erythrocytic 1; Spectrin Alpha Chain, Non-Erythrocytic 1; Spectrin, Non-Erythroid Alpha Subunit; Fodrin Alpha Chain; Alpha-II Spectrin; Alpha-Fodrin; SPTA2; Epididymis Secretory Sperm Binding Protein; Spectrin, Non-Erythroid Alpha Chain; HMND11; DEVEP; EIEE5; HMN11; SPG91; DEE5
Immunogen	Recombinant protein of human SPTAN1

Additional Information

Gene ID	6709
Other Names	Spectrin alpha chain, non-erythrocytic 1, Alpha-II spectrin, Fodrin alpha chain, Spectrin, non-erythroid alpha subunit, SPTAN1, NEAS, SPTA2

Protein Information

Name	SPTAN1
Synonyms	NEAS, SPTA2
Function	Fodrin, which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.
Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Note=Expressed along the cell membrane in podocytes and presumptive tubule cells during glomerulogenesis and is expressed along lateral cell margins in tubule cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.