

SPTAN1 monoclonal antibody, clone AA6

Catalog # MAB2508

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native SPTAN1.
Immunogen	Native purified chicken SPTAN1.
Host	Mouse
Reactivity	Chicken
Specificity	This antibody is specific to the 240 kD alpha-fodrin molecule of all mammalian nonerythroid cells and chicken alpha-spectrin.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (1% BSA, 0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)

Gene Info — SPTAN1

Entrez GeneID	374234
Gene Name	SPTAN1
Gene Alias	SPECA
Gene Description	spectrin, alpha, non-erythrocytic 1 (alpha-fodrin)
Gene Ontology	Hyperlink
Gene Summary	alpha
Other Designations	alpha-spectrin nonerythroid alpha-spectrin spectrin alpha chain

Publication Reference

- [Immunolocalization of the fodrin, E-cadherin, and beta-catenin adhesion complex in infiltrating ductal carcinoma of the breast-comparison with an in vitro model.](#)

Sormunen RT, Leong AS, Vaaraniemi JP, Fernando SS, Eskelinen SM.

The Journal of Pathology 1999 Mar; 187(4):416.

Application: IHC-P, Human, ductal carcinoma

- [Effect of PMA on the integrity of the membrane skeleton and morphology of epithelial MDCK cells is dependent on the activity of amiloride-sensitive ion transporters and membrane potential.](#)

J Vaaraniemi, V Huotari, V P Lehto, S Eskelinen.

European Journal of Cell Biology 1997 Nov; 74(3):262.

- [Non-erythroid spectrin \(fodrin\) in cutaneous tumours: diminished in cell membranes, increased in the cytoplasm.](#)

Tuominen H, Sormunen R, Kallioinen M.

The British Journal of Dermatology 1996 Oct; 135(4):576.