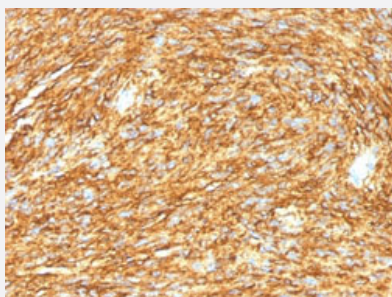


ANO1 monoclonal antibody, clone DG1/1485

Catalog # MAB14889 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human gastrointestinal stromal tumor with ANO1 monoclonal antibody, clone DG1/1485 (Cat # MAB14889).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ANO1.
Immunogen	Recombinant protein corresponding to amino acids 2-101 of human ANO1.
Host	Mouse
Theoretical MW (kDa)	~114
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, 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) 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

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human gastrointestinal stromal tumor with ANO1 monoclonal antibody, clone DG1/1485 (Cat # MAB14889).

- Immunofluorescence

- Flow Cytometry

Gene Info — ANO1

Entrez GeneID[55107](#)**Protein Accession#**[Q5XXA6](#)**Gene Name**

ANO1

Gene Alias

FLJ10261, ORAOV2, TAOS2, TMEM16A

Gene Description

anoctamin 1, calcium activated chloride channel

Omim ID[610108](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

O

Other Designations

membrane protein|oral cancer overexpressed 2|transmembrane protein 16A|transmembrane protein 16A (eight membrane-spanning domains)|tumor amplified and overexpressed sequence 2

Publication Reference

- [A novel monoclonal antibody against DOG1 is a sensitive and specific marker for gastrointestinal stromal tumors.](#)

Espinosa I, Lee CH, Kim MK, Rouse BT, Subramanian S, Montgomery K, Varma S, Corless CL, Heinrich MC, Smith KS, Wang Z, Rubin B, Nielsen TO, Seitz RS, Ross DT, West RB, Cleary ML, van de Rijn M.

The American Journal of Surgical Pathology 2008 Feb; 32(2):210.

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