

Product datasheet for **TA399867**

ANO1 Rabbit Monoclonal Antibody [Clone ID: 19F2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	19F2
Applications:	ELISA, IHC, WB
Reactivity:	Human
Modifications:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format for improved compatibility with existing reagents assays and techniques.
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing mice with recombinant protein DOG1.
Specificity:	<p>The antibody is specific for DOG1. DOG1 is a calcium-activated chloride channel (CaCC) which plays a role in the transepithelial anion transport and smooth muscle contraction. It is required for the normal functioning of the interstitial cells of Cajal (ICCs) which generate electrical pacemaker activity in gastrointestinal smooth muscles and it acts as a major contributor to basal and stimulated chloride conductance in airway epithelial cells and plays an important role in tracheal cartilage development.</p> <p>The antibody 19F2 and the commercial antibody SP31 were used to stain breast tissue and gastrointestinal tumor in immunohistochemistry. Results showed the antibody specificity is equivalent to the commercial antibody. Further, the staining intensity of the antibody 19F2 was higher than the commercial antibody (CN113045652A).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Database Link:	Q5XXA6



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Synonyms:

Anoctamin-1; CGMCC NO. 20771; Discovered On Gastrointestinal Stromal Tumors Protein 1; Discovered on gastrointestinal stromal tumors protein 1; Oral cancer overexpressed protein 2; SP31; Transmembrane protein 16A; Tumor-amplified and overexpressed sequence 2