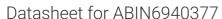
antibodies -online.com





Recombinant anti-ANO1 antibody

2 Images



Go to Product page

Overview

Quantity:	100 μg
Target:	ANO1
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ANO1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length human DOG-1 protein
Clone:	RDG1-447
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	ANO1	
Alternative Name:	TMEM16A (ANO1 Products)	
Background:	Expression of DOG-1 protein is elevated in the gastrointestinal stromal tumors (GIST's), c-kit	
	signaling-driven mesenchymal tumors of the GI tract. DOG-1 is rarely expressed in other soft	

tissue tumors, which, due to appearance, may be difficult to diagnose. Immunoreactivity for
DOG-1 has been reported in 97.8 percent of scorable GIST's, including all c-kit negative GIST's.
Overexpression of DOG-1 has been suggested to aid in the identification of GISTs, including
Platelet-Derived Growth Factor Receptor Alpha mutants that fail to express c-kit antigen. The
overall sensitivity of DOG1 and c-kit in GIST's is nearly identical: 94.4 % vs. 94.7 %.
~114kDa

Application Details

Molecular Weight:

Gene ID:

Application Notes:	Positive Control: Gastrointestinal Stromal Tumor (GIST) of	or testicular germ cell tumor
Application Notes.	1 ositive control. Gastrointestinal otromai ramor (olor) e	on testicular gerrir cell turrior.

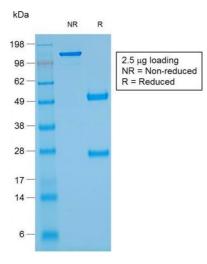
Melanocytes in the basal layer of the epidermis and mast cells in the dermis of normal skin. Known Application: Immunohistochemistry (Formalin-fixed) (1-2 μ g/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

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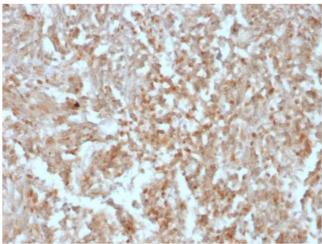
Handling

Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified DOG-1 Mouse Recombinant Monoclonal Antibody (rDG1/447). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human GIST stained with DOG-1 Mouse Recombinant Monoclonal Antibody (rDG1/447).