

DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) Antibody

Mouse Monoclonal Antibody [Clone DG1/447]

Catalog No	Format	Size
55107-MSM1-CF488-100T	Purified Ab conjug	ed to CF488

Applications	Tested Dillution
Flow Cytometry (Flow)	1-2ug/million cells
Immunofluorescence (IF)	1-3ug/ml

Product Details	
Clone	DG1/447
Gene Name	VTCN1
Immunogen	Recombinant human DOG-1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	~114kDa
Cellular Localization	Cell Surface and Cytoplasm
Species Reactivity	Human
Positive Control	Gastrointestinal Stromal Tumor (GIST) or testicular germ cell tumor. Melanocytes in the basal layer of the epidermis and mast cells in the dermis of normal skin.

**Optimal dilution for a specific application should be determined.*

Product Images for DOG-1 / TMEM16A (Gastrointestinal Stromal Tumor Marker) Antibody

Specificity & Comments

Expression of DOG-1 protein is elevated in the gastrointestinal stromal tumors (GISTs) is nearly identical: 94.4% vs. 94.7%.

Research Areas

Neuroscience, Infectious Disease

Known Applications & Suggested Dilutions

Flow Cytometry (5ul per test per one million cells or 5ul per 100ul of whole blood);Immunofluorescence (1:50-1:100);Optimal dilution for a specific application should be determined.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

Antibody Purified from Bioreactor Concentrate by Protein A/G and conjugated to various reporter molecules. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide. Contact us if you require this Ab in a different format.

Storage and Stability

Antibody with azide - store at 4 to 8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.