Recombinant RET Proto-oncogene (Medullary Thyroid Carcinoma Marker) Antibody

Mouse Monoclonal Antibody [Clone r3F8]

Catalog No	Format	Size
5979-MSM19-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5979-MSM19-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5979-MSM19-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

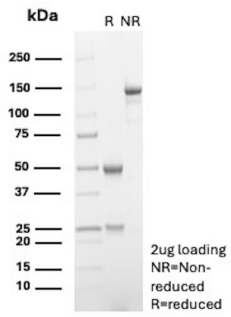
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

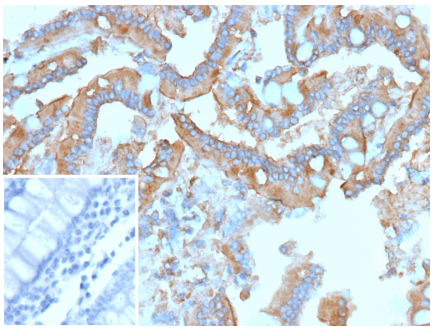
Clone	r3F8
Gene Name	RET
Immunogen	Prokaryotic recombinant fusion protein corresponding to the extreme C-terminal cytoplasmic region of the human ret oncoprotein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	150kDa (precursor); 170kDa (Mature)
Cellular Localization	Cell membrane, Endosome membrane
Species Reactivity	Human
Positive Control	Human brain, breast, colon or prostate carcinoma.

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

Product Images for Recombinant RET Proto-oncogene (Medullary Thyroid Carcinoma Marker) Antibody



SDS-PAGE Analysis of Purified RET Proto-oncogene Recombinant Mouse Monoclonal Antibody (r3F8). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human colon carcinoma stained with RET Proto-oncogene Recombinant Mouse Monoclonal Antibody (r3F8). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

The ret-proto-oncogene encodes a cell surface glycoprotein belonging to the tyrosine-kinase receptor family. Three main splice variants have been identified. Immunoreactivity of the ret-proto-oncogene in normal tissue has been found in Schwann cells, sympathetic ganglion, adrenal medulla, astrocytes and cortical neurons.

Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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.

Research Areas

Cancer, Developmental Biology, Immuno Oncology, Neuroscience, Oncology, Signal Transduction, Transcription Factors

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.