# antibodies - online.com







# anti-Ret Proto-Oncogene antibody (AA 702-848)

**Images** 



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Quantity:	100 μg
Target:	Ret Proto-Oncogene (RET)
Binding Specificity:	AA 702-848
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ret Proto-Oncogene antibody is un-conjugated
Application:	ELISA, Coating (Coat)

## **Product Details**

Immunogen:	Recombinant fragment (around aa 702-848) of human RET protein (exact sequence is proprietary)
Clone:	RET-2663
Isotype:	IgG2b kappa
Purification:	Purified by Protein A/G

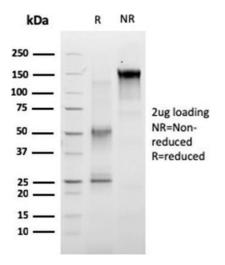
### **Target Details**

Target:	Ret Proto-Oncogene (RET)
Alternative Name:	RET (RET Products)
Background:	The Ret proto-oncogene is structurally related to the growing family of tyrosine kinase

Expiry Date:

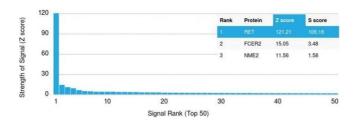
	transmembrane receptors and is involved in GDNF signaling. RET expression is reported in several regions of the central nervous system, in the developing cranial nerve ganglia and a subset of cells within dorsal root ganglia, in motor neurons in the spinal cord and hindbrain, in neuro-retina and the growing tips of the renal collecting ducts in developing kidney. Alterations
	in RETgene are associated with diseases including papillary thyroid carcinoma, multiple endocrine neoplasia (type 2A and 2B), familial medullary thyroid carcinoma, and a congenital
	developmental disorder known as Hirschsprung's disease.
Molecular Weight:	150kDa (precursor), 170kDa (Mature)
Gene ID:	5979
UniProt:	P07949
Pathways:	RTK Signaling, Dopaminergic Neurogenesis, Regulation of Cell Size, Tube Formation
Application Details	
Application Notes:	Positive Control: Breast, Prostate or Colon Carcinoma.
	Known Application: ELISA (For coating, order Ab without BSA)Optimal dilution for a specific
	application should be determined.
Restrictions:	For Research Use only
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.
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24 months



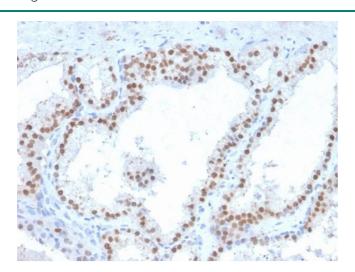
#### **SDS-PAGE**

**Image 1.** SDS-PAGE Analysis of Purified RET Mouse Monoclonal Antibody (RET/2663). Confirmation of Purity and Integrity of Antibody.



#### **Protein Array**

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using RET Mouse Monoclonal Antibody (RET/2663). Z- and S- Score: The Zscore represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



#### **Immunohistochemistry**

**Image 3.** Formalin-fixed, paraffin-embedded human prostate carcinoma stained with RET Mouse Monoclonal Antibody (RET/2663).

Please check the product details page for more images. Overall 4 images are available for ABIN6940506.