

Mouse anti-Human RET Monoclonal Antibody | anti-RET antibody

RET Antibody (Ascites)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283414	Mouse	Human	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

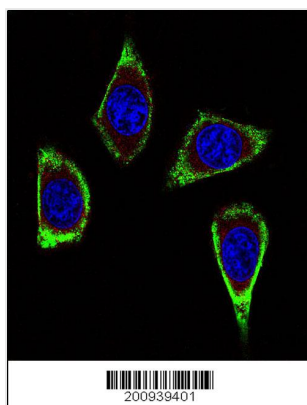
PRODUCT SYNONYMS

RET; Monoclonal Antibody; RET Antibody (Ascites); Proto-oncogene tyrosine-protein kinase receptor Ret; Cadherin family member 12; Proto-oncogene c-Ret; Soluble RET kinase fragment; Extracellular cell-membrane anchored RET cadherin 120 kDa fragment; CDHF12; CDHR16; PTC; RET51; anti-RET antibody

PRODUCT SPECIFICATIONS

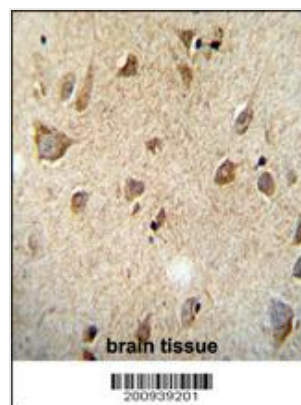
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgM,K
Clone Number	188CT11.2.3
Specificity	This RET Monoclonal antibody was raised using purified His-tagged recombinant human RET.
Form/Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Sequence Length	1072
Applicable Applications for anti-RET antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



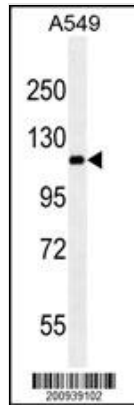
IF (Immunofluorescence)

Confocal immunofluorescent analysis of RET Antibody (Ascites) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

RET Monoclonal(Ascites) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RET Monoclonal(Ascites) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

RET western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the RET antibody detected the RET protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RET antibody	This gene, a member of the cadherin superfamily, encodes one of the receptor tyrosine kinases, which are cell-surface molecules that transduce signals for cell growth and differentiation. This gene plays a crucial role in neural crest development, and it can undergo oncogenic activation in vivo and in vitro by cytogenetic rearrangement. Mutations in this gene are associated with the disorders multiple endocrine neoplasia, type IIA, multiple endocrine neoplasia, type IIB, Hirschsprung disease, and medullary thyroid carcinoma. Two transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described but their biological validity has not been confirmed.
Product Categories/Family for anti-RET antibody	Cancer; Signal Transduction
References	Siqueira, D.R., et al. Endocr. Relat. Cancer 17(4):953-963(2010) Gockel, H.R., et al. Hum. Genet. 128(4):353-364(2010) Kim, H.K., et al. Anticancer Res. 30(9):3621-3627(2010) Pacini, F., et al. Clin Oncol (R Coll Radiol) 22(6):475-485(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	10862701
NCBI GeneID	5979
NCBI Accession #	NP_065681.1; NP_066124.1
NCBI GenBank Nucleotide #	NM_020630.4
UniProt Accession #	P07949; Q15250; Q9BTB0; Q9H4A2; A8K6Z2
Molecular Weight	124319
NCBI Official Full Name	proto-oncogene tyrosine-protein kinase receptor Ret isoform c
NCBI Official Synonym Full Names	ret proto-oncogene
NCBI Official Symbol	RET
NCBI Official Synonym Symbols	PTC; MTC1; HSCR1; MEN2A; MEN2B; RET51; CDHF12; CDHR16; RET-ELE1
NCBI Protein Information	proto-oncogene tyrosine-protein kinase receptor Ret

UniProt Protein Name	Proto-oncogene tyrosine-protein kinase receptor Ret
UniProt Gene Name	RET
UniProt Synonym Gene Names	CDHF12; CDHR16; PTC; RET51
UniProt Entry Name	RET_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ret-antibody-clone-188ct11-2-3-immunofluorescence-immunohistochemistry-western-blot-elisa/283414>