

Summary

Production Name	RET Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgM
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	RET Proto-oncogene tyrosine-protein kinase receptor Ret, Cadherin family member 12,
Alternative Names	Proto-oncogene c-Ret, Soluble RET kinase fragment, Extracellular cell-membrane anchored RET cadherin 120 kDa fragment, RET, CDHF12, CDHR16, PTC, RET51
Gene ID	5979.0
SwissProt ID	P07949.This RET Monoclonal antibody was raised using purified His-tagged recombinant human RET.

Application

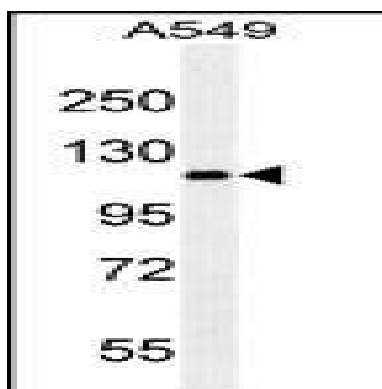
Dilution Ratio	WB:1:500-1:16000,IHC:1:100-1:500,ICC:1:10-1:50
Molecular Weight	124.3kDa

Background

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.

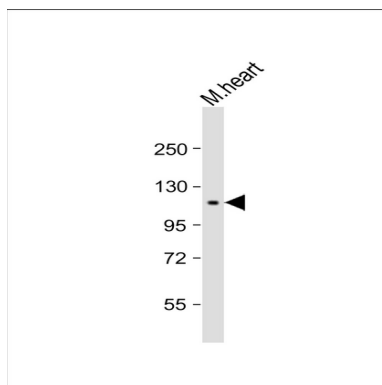
Research Area

Image Data



RET (Cat. #AMM85912) western blot analysis in A549 cell line lysates (35µg/lane). This demonstrates the RET antibody detected the RET protein (arrow).

Product Name: RET Mouse Monoclonal Antibody
Catalog #: AMM85912



Anti-RET Antibody (Ascites) at 1:1000 dilution + mouse heart lysate

Note

For research use only.