

Datasheet for ABIN1724678

anti-Ret Proto-Oncogene antibody (AA 896-1063)[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 µL
Target:	Ret Proto-Oncogene (RET)
Binding Specificity:	AA 896-1063
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ret Proto-Oncogene antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	RET Antibody
Immunogen:	Purified recombinant fragment of RET (aa896-1063) expressed in E. Coli.
Clone:	8D10C9
Isotype:	IgG1
Purification:	Ascitic fluid

Target Details

Target:	Ret Proto-Oncogene (RET)
Alternative Name:	RET (RET Products)
Background:	Description: RET (ret proto-oncogene) is a member of the cadherin superfamily and a receptor

Target Details

tyrosine kinase, which are cell-surface molecules that transduce signals for cell growth and differentiation. It can undergo oncogenic activation in vivo and in vitro by cytogenetic rearrangement. Ligands that bind the Ret receptor include the glial cell line-derived neurotrophic factor (GDNF) and its congeners neurturin, persephin and artemin. Alterations in the corresponding Ret gene 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

Aliases: RET

Gene ID: 5979

HGNC: 5979

UniProt: [P07949](#)

Pathways: [RTK Signaling](#), [Dopaminergic Neurogenesis](#), [Regulation of Cell Size](#), [Tube Formation](#)

Application Details

Application Notes: ELISA: 1/10000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium 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.

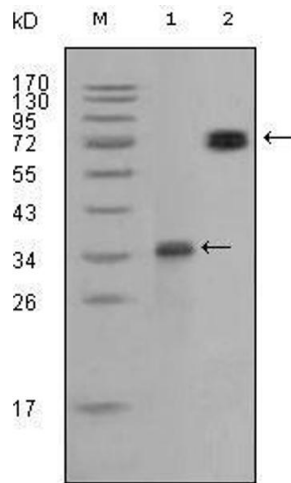
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Publications

Product cited in: Young, Anderson, Anderson: "Guidance cues involved in the development of the peripheral autonomic nervous system." in: **Autonomic neuroscience : basic & clinical**, Vol. 112, Issue 1-2, pp. 1-14, (2004) ([PubMed](#)).

Myers, Mulligan: "The RET receptor is linked to stress response pathways." in: **Cancer research**, Vol. 64, Issue 13, pp. 4453-63, (2004) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis using RET mouse mAb against truncated RET recombinant protein (1) and RET (aa658-1063)-hIgGFc transfected CHO-K1 cell lysate (2).