

RACO0270

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Homo sapiens (Human)

**Isotype:**

Rabbit IgG

**Applications:**

ELISA, FC

**Recommended dilutions:**

FC:1:20-1:200

**Protein Background:**

Receptor tyrosine-protein kinase involved in numerous cellular mechanisms including cell proliferation, neuronal navigation, cell migration, and cell differentiation upon binding with glial cell derived neurotrophic factor family ligands. Phosphorylates PTK2/FAK1. Regulates both cell death/survival balance and positional information. Required for the molecular mechanisms orchestration during intestine organogenesis; involved in the development of enteric nervous system and renal organogenesis during embryonic life, and promotes the formation of Peyer's patch-like structures, a major component of the gut-associated lymphoid tissue. Modulates cell adhesion via its cleavage by caspase in sympathetic neurons and mediates cell migration in an integrin (e. g. ITGB1 and ITGB3)-dependent manner.

**Gene ID:**

RET

**Uniprot**

P07949

**Synonyms:**

Proto-oncogene tyrosine-protein kinase receptor Ret (EC 2.7.10.1) (Cadherin family member 12) (Proto-oncogene c-Ret) [Cleaved into: Soluble RET kinase fragment, Extracellular cell-membrane anchored RET cadherin 120 kDa fragment], RET, CDHF12 CDHR16 PTC RET51

**Immunogen:**

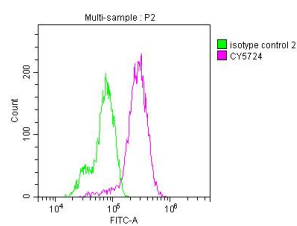
A synthesized peptide derived from human Ret.

**Storage:**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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Overlay histogram showing HeLa cells stained with RACO0270 (red line) at 1:50. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1 $\mu$ g)1\*10<sup>6</sup>cells) for 1 h at 4°C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min)at 4°C. Control antibody (green line) was Rabbit IgG (1 $\mu$ g)1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.