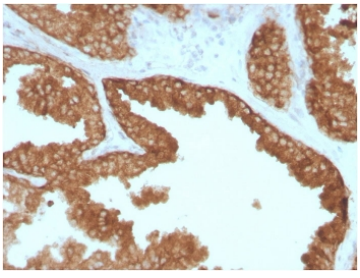
# c-RET Antibody / RET [clone RET/2795] (V8276)

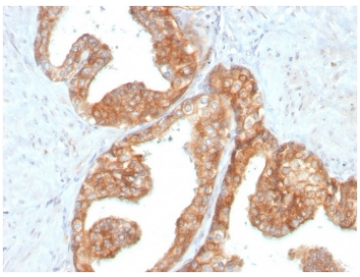
| Catalog No. | Formulation | Size |
|---|---|---|
| V8276-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8276-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V8276SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

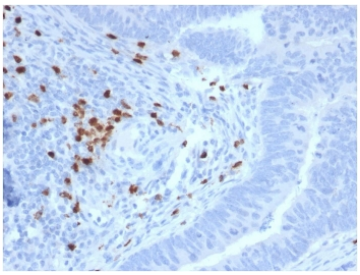
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | RET/2795 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | P07949 |
| **Localization** | Cytoplasmic, nuclear, cell surface |
| **Applications** | Immunohistochemistry (FFPE): 1-2ug/ml |
| **Limitations** | This c-RET antibody is available for research use only. |



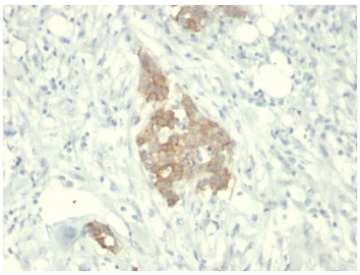
IHC staining of FFPE human prostate carcinoma with c-RET antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



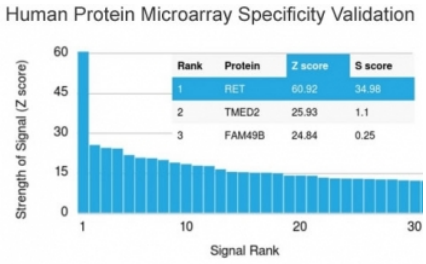
IHC staining of FFPE human prostate carcinoma with c-RET antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



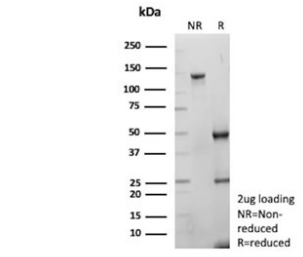
IHC staining of FFPE human colon carcinoma with c-RET antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human breast carcinoma with c-RET antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.




Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using c-RET antibody (clone RET/2795). These results demonstrate the foremost specificity of the RET/2795 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.




SDS-PAGE analysis of purified, BSA-free c-RET antibody (clone RET/2795) as confirmation of integrity and purity.

## Description

The Ret proto-oncogene is structurally related to the growing family of tyrosine kinase 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 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's disease.

## Application Notes

Optimal dilution of the c-RET antibody should be determined by the researcher.

## Immunogen

A recombinant human partial protein (amino acids 702-848) was used as the immunogen for this RET antibody.

## Storage

Store the c-RET antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).


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