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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07233 - Goat Anti-RET Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RET, ret proto-oncogene (multiple endocrine neoplasia and medullary thyroid carcinoma 1, Hirschsprung disease), HGNC:9967, CDHF12, HSCR1, MEN2A, MEN2B, MTC1, PTC, RET-ELE1, RET51, RET transforming sequence, cadherin family member 12, fusion gene, hydroxyaryl-protein kinase, oncogene RET, proto-oncogene, receptor tyrosine kinase, ret proto-oncogene

Official Symbol: RET

Accession Number(s): NP_066124.1; NP_065681.1; NP_001342145.1

Human GeneID(s): [5979](#)

Immunogen

Peptide with sequence NDTKALRRPKCAELH, from the internal region of the protein sequence according to NP_066124.1; NP_065681.1; NP_001342145.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

IHC: Paraffin embedded Small Intestine. Recommended concentration: 5µg/ml.

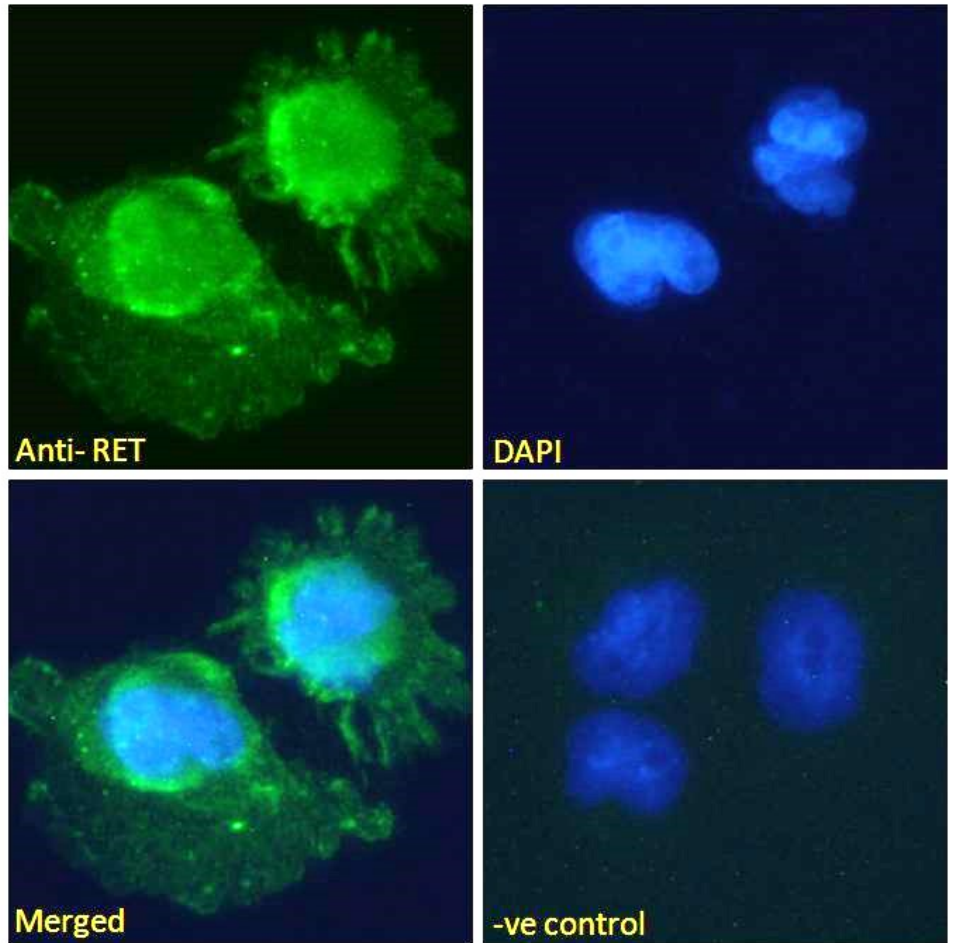
Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U251 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of Kelly cells. Recommended concentration: 10µg/ml.

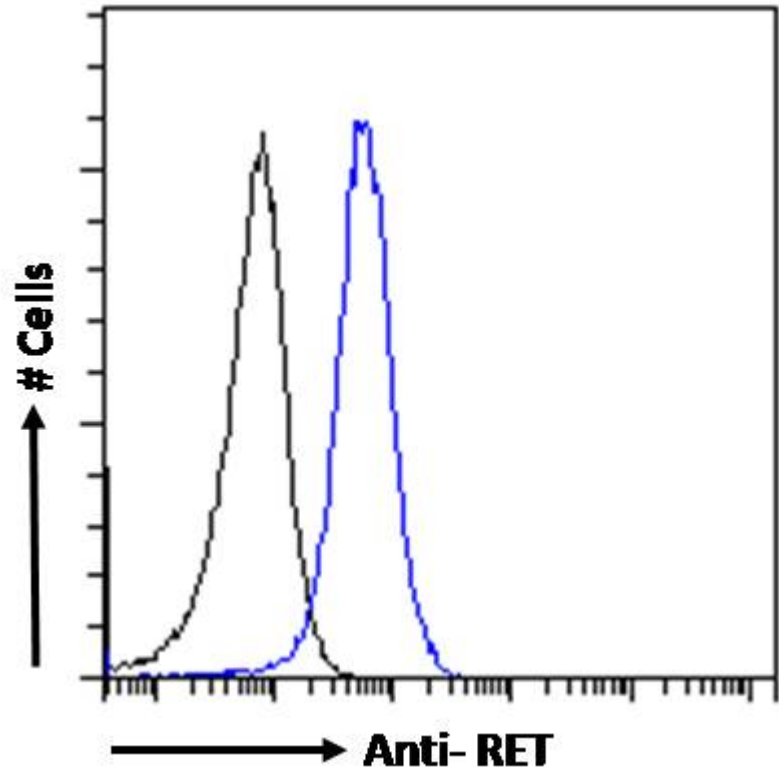
Species Reactivity

Tested: Human

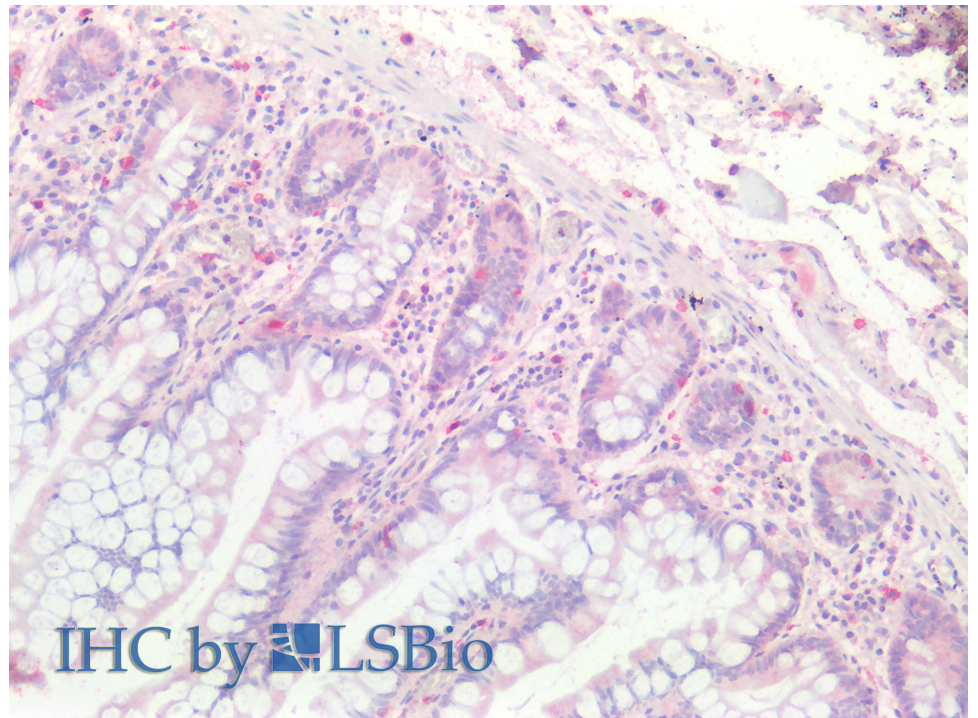
Expected from sequence similarity: Human



EB07233 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07233 Flow cytometric analysis of paraformaldehyde fixed Kelly cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



EB07233 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.