

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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

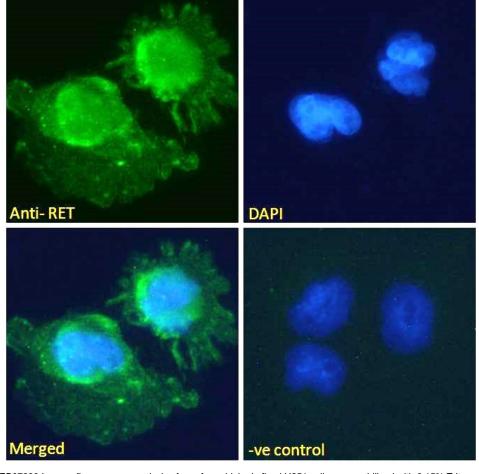
cells. Recommended concentration: 10µg/ml.

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

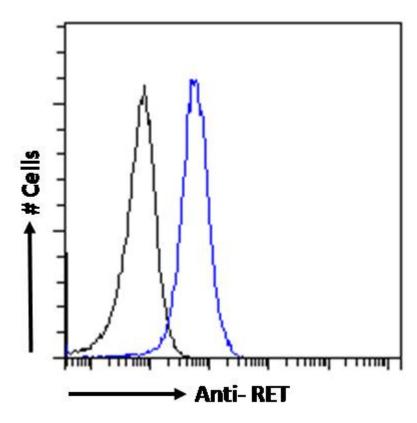
Species Reactivity

Tested: Human

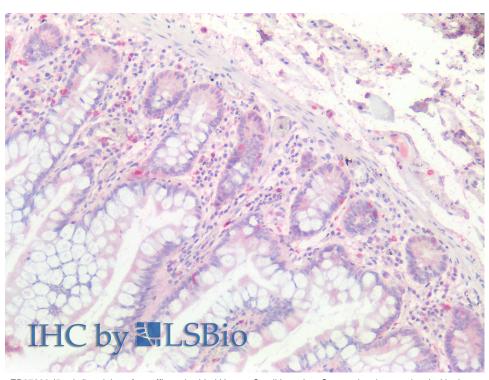
Expected from sequence similarity: Human



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.