

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.

EB05837 - Goat Anti-RNF3 (247 aa isoform) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RNF3, DONG1, RNF3A, MGC40413, ring finger protein 3, PCGF3, polycomb group ring finger 3, DKFZp686D20235, FLJ36550, FLJ43813, MGC129615

Official Symbol: PCGF3

Accession Number(s): NP_006306.2; NP_001382179.1

Human GeneID(s): 10336

Non-Human GenelD(s): 69587 (mouse)

Important Comments: This antibody is expected to recognise tisoforms NP_001382179.1 and NP_006306.2, not the 132 aa isoform (NP_694982).

Immunogen

Peptide with sequence C-PLLLHYRPKMDLL, from the C Terminus of the protein sequence according to NP_006306.2; NP_001382179.1.

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 1:2000.

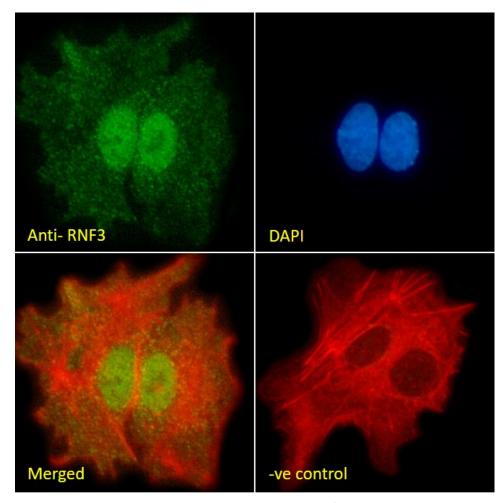
Immunofluorescence: Strong expression of the protein seen in the nuclei of HepG2 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

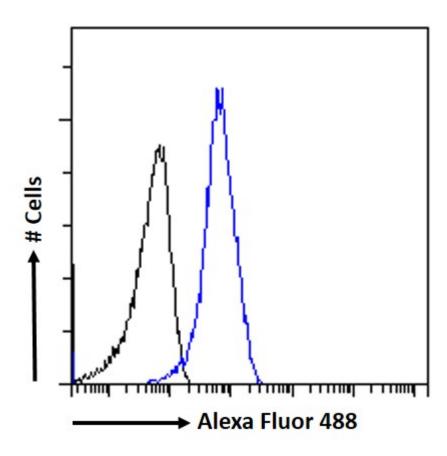
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat, Cow



EB05837 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05837 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (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.