

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.

EB07263 - Goat Anti-Leptin Receptor Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: LEPR, leptin receptor, CD295, OBR, OB receptor, LeprB

Official Symbol: LEPR

Accession Number(s): NP_002294.2; NP_001003679.1; NP_001003680.1

Human GenelD(s): 3953

Important Comments: This antibody is expected to recognise all three reported isoforms

(NP_002294.2; NP_001003679.1; NP_001003680.1).

Immunogen

Peptide with sequence C-TQDDIEKHQSDAG, from the internal region of the protein sequence according to NP_002294.2; NP_001003679.1; NP_001003680.1.

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.

IHC: A customer reported weak membranous staining present in paraffin embedded human brain.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and vesicles of U251 and HEK293 cells. Recommended concentration: 10µg/ml.

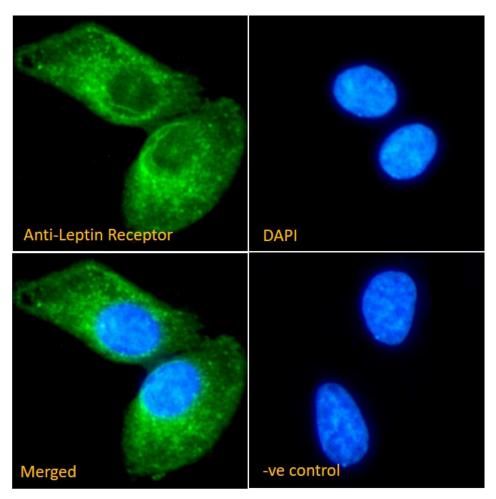
Flow Cytometry: Flow cytometric analysis of HEK293 cells. Recommended

concentration: 10ug/ml.

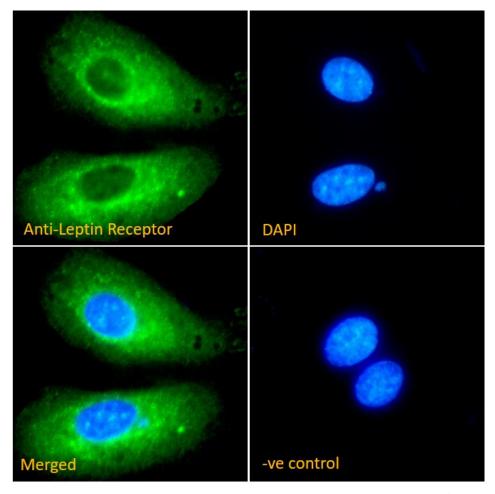
Species Reactivity

Tested: Human

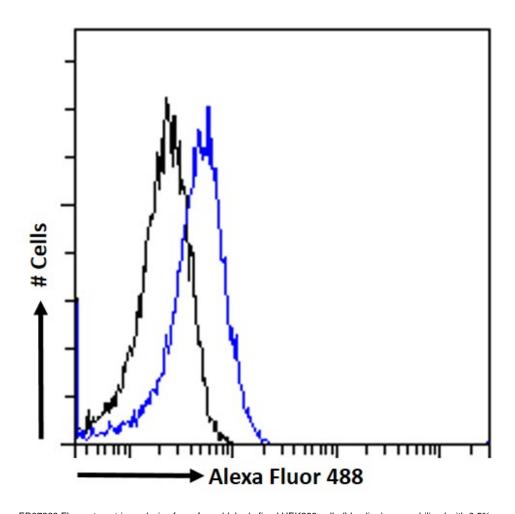
Expected from sequence similarity: Human, Dog



EB07263 Immunofluorescence analysis of paraformaldehyde fixed U251. Primary incubation 1hr (1:50 dilution) followed by Alexa Fluor® 488 secondary antibody (1:2000 dilution), showing cytoplasmic and vesicles staining. The nuclear stain is DAPI (blue). Negative control: Anti-Goat IgG followed by Alexa Fluor® 488 secondary antibody.



EB07263 Immunofluorescence analysis of paraformaldehyde fixed HEK293. Primary incubation 1hr (1:50 dilution) followed by Alexa Fluor® 488 secondary antibody (1:2000 dilution), showing cytoplasmic and vesicles staining. The nuclear stain is DAPI (blue). Negative control: Anti-Goat IgG followed by Alexa Fluor® 488 secondary antibody.



EB07263 Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line) permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488® conjugated secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.