

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.

EB11755 - Goat Anti-IL-6 (aa138-148) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: B cell stimulatory factor-2, B-cell differentiation factor, B-cell stimulatory factor 2, BSF2, BSF-2, CDF, CTL differentiation factor, HGF, HSF, hybridoma growth factor, IFNB2, IFN-beta-2, IL6, IL-6, interferon beta-2, interleukin 6 (interferon, beta 2), interleukin BSF-2, interleukin-6, OTTHUMP00000158544, OTTHUMP00000198486, OTTHUMP00000198489, OTTHUMP00000198490

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Official Symbol: IL6

Accession Number(s): NP_000591.1; NP_001358025.1; NP_001305024.1

Human GeneID(s): 3569

Immunogen

Peptide with sequence C-EQARAVQMSTK, from the internal region of the protein sequence according to NP_000591.1; NP_001358025.1; NP_001305024.1.

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 Human Tonsil. Recommended concentration: 5µg/ml.

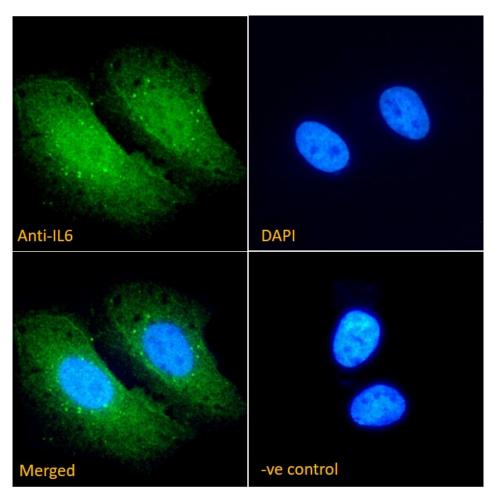
Immunofluorescence: Strong expression of the protein seen in U2OS cells.

Recommended concentration: 10µg/ml.

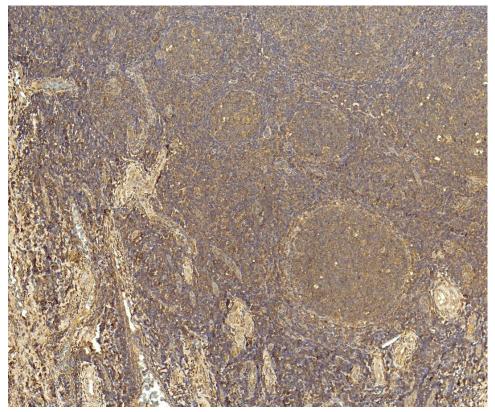
Species Reactivity

Tested: Human

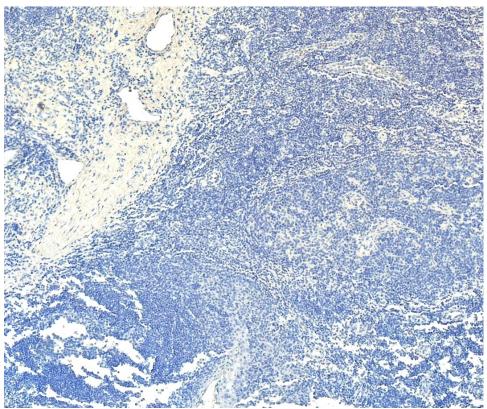
Expected from sequence similarity: Human



EB11755 Immunofluorescence analysis of paraformaldehyde fixed U2OS. Primary incubation 1hr (1:50 dilution) followed by Alexa Fluor® 488 secondary antibody (1:2000 dilution), showing cytoplasmic, nuclear and vesicle staining. The nuclear stain is DAPI (blue). Negative control: Anti-Goat IgG followed by Alexa Fluor® 488 secondary antibody.



EB11755 ($5\mu g/ml$) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB11755 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.