

#### **International Office**

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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

511110WI 00000190409, O11110WI 00000

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.

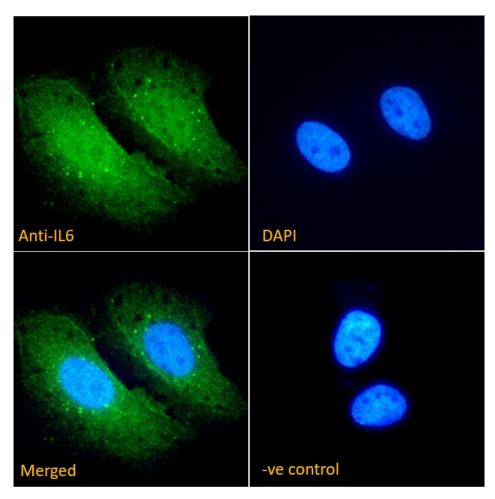
**Immunofluorescence:** Strong expression of the protein seen in U2OS cells.

Recommended concentration: 10µg/ml.

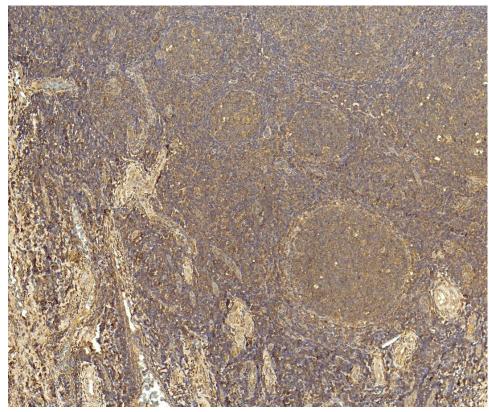
### **Species Reactivity**

Tested: Human

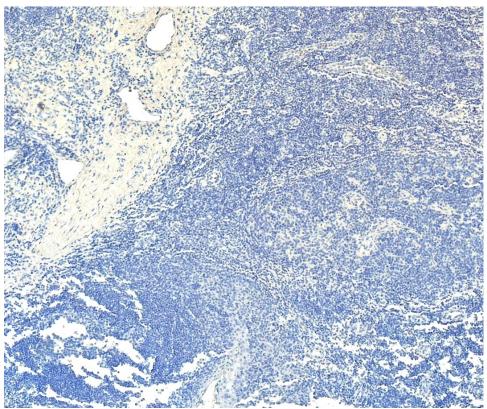
Expected from sequence similarity: Human



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.