

Rabbit anti-Human IL6ST mAb

Catalog No.: A28970

Basic Information

Observed MW

Calculated MW

104kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC5241

Background

The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17.

Recommended Dilutions

FC 1:100-1:500

Immunogen Information

Gene ID

3572

Swiss Prot

P40189

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CD130; GP130; HIES4; IMD94; STWS2; CDW130; HIES4A; HIES4B; IL-6RB; sGP130

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: 25mM HEPES, 150mM NaCl, 0.03% Proclin, 50% glycerol, pH8.0.