

## Datasheet

### IL6ST monoclonal antibody (M02), clone 4A4

**Catalog Number:** H00003572-M02

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant IL6ST.

**Clone Name:** 4A4

**Immunogen:** IL6ST (NP\_002175, 23 a.a. ~ 122 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

ELLDPGYSIPESPVVQLHSNFTAVCVLKEKCMDYFHV  
NANYIVWKTNHFTIPKEQYTIINRTASSVTFTDIASLNIQ  
LTCNLTFGQLEQNVYGITIIS

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, S-ELISA, WB-Ce, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3572

**Gene Symbol:** IL6ST

**Gene Alias:** CD130, CDw130, GP130, GP130-RAPS, IL6R-beta

**Gene Summary:** 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 suggested a critical role of the gene encoding this protein in regulating myocyte apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]