

bsm-30148M**[Primary Antibody]****human IL-4 Mouse mAb**

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— DATASHEET —**Host:** Mouse**Isotype:** Mouse IgG2b, k**Applications:** Flow-Cyt (1ug/Test)**Clonality:** Monoclonal**CloneNo.:** 6B2**Reactivity:** Human**Target:** human IL-4**Purification:** affinity purified by Protein G**Storage:** 0.01M TBS (pH7.4).

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Predicted
MW.:** 14 kDa

Background: The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008].

**Subcellular
Location:** Secreted