

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

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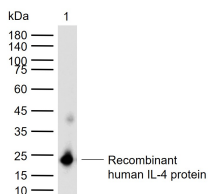
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— DATASHEET —

Host: Mouse	Isotype: Mouse IgG2b, k	Applications: WB Flow-Cyt
Clonality: Monoclonal	CloneNo.: 6B2	
Target: human IL-4		Reactivity: Human
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

— VALIDATION IMAGES —

Sample: Lane 1: Recombinant human IL-4 protein, His (HEK293)(bs-43501P) Primary: Anti-human IL-4 (bsm-30148M) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 14 kDa
Observed band size: 21 kDa