

## Product datasheet for **TA352736**

### IL4 Mouse Monoclonal Antibody [Clone ID: 5B5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	5B5
Recommended Dilution:	ELISA, ELISPOT, Immunohistochemistry, Neutralization assay
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	IL-4
Formulation:	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Concentration:	lot specific
Purification:	Ion exchange chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	13.2 kDa
Gene Name:	interleukin 4
Database Link:	<a href="#">NP_758858</a> <a href="#">Entrez Gene 3565 Human</a> <a href="#">P05112</a>

**Background:** The mouse anti-human IL-4 monoclonal antibody (clone 5B5) is of the IgG1 subtype. The 5B5 antibody binds with high efficiency to natural and recombinant human IL-4. and possesses neutralizing activity. Further, the 5B4 antibody is effective in ELISA systems and is applicable in immunohistochemistry (van der Pouw Kraan, T. et al. 1993 and Boven L.A. et al. 2006).

**Synonyms:** BCGF-1; BCGF1; BSF-1; BSF1; IL-4

**Protein Families:** Druggable Genome, Secreted Protein



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**Protein Pathways:**

Allograft rejection, Asthma, Autoimmune thyroid disease, Cytokine-cytokine receptor interaction, Fc epsilon RI signaling pathway, Hematopoietic cell lineage, Jak-STAT signaling pathway, T cell receptor signaling pathway