

## Product datasheet for **TA320371**

### IL4 Rat Monoclonal Antibody [Clone ID: 11B11]

#### Product data:

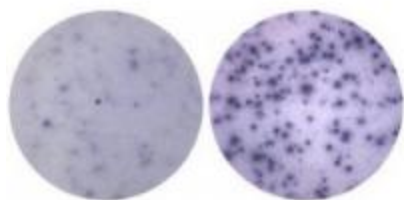
Product Type:	Primary Antibodies
Clone Name:	11B11
Applications:	ELISA
Recommended Dilution:	ELISA
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 4
Database Link:	<a href="#">NP_067258</a> <a href="#">Entrez Gene 16189 Mouse P07750</a>

**Background:** The 11B11 antibody reacts with mouse interleukin-4 (IL-4), a 14 kD cytokine. The 11B11 antibody is a neutralizing antibody. Mouse IL-4, also known as BCDF, BCGF-1 and BSF-1, is secreted by activated Th2 and natural killer T cells, and to a lesser extent by Th1 and mast cells. IL-4 is species-specific and promotes proliferation and differentiation of B cells. IL-4, in conjunction with other signals such as CD40, induces Ig isotype switching of B cells and the upregulation of surface MHC class II and CD23.

**Synonyms:** BCGF-1; BCGF1; Binetrakin; BSF-1; BSF1; IL-4; MGC79402; Pittrakina



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**Product images:**

Splenocytes from 8 week old mice pre-immunized with OVA/IFA were recall-activated with OVA antigen for 36 hours in Mouse IL-4 ELISPOT assay. Control well is medium alone.