

IL4 monoclonal antibody, clone BVD4-1D11

Catalog # MAB3306

Size 500 ug

Specification

Product Description	Rat monoclonal antibody raised against recombinant IL4.
Immunogen	Recombinant protein corresponding to mouse IL4.
Host	Rat
Reactivity	Mouse
Specificity	Mouse Interleukin-4 (IL-4).
Form	Liquid
Isotype	IgG2b
Recommend Usage	Western Blot (1-5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

Applications

- Immunofluorescence
- Flow Cytometry

Gene Info — IL4

Entrez GeneID [16189](#)

Gene Name IL4

Gene Alias	IL-4
Gene Description	interleukin 4
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000005817

Publication Reference

- [Similar frequencies and kinetics of cytokine producing cells in murine peripheral blood and spleen. Cytokine detection by immunoassay and intracellular immunostaining.](#)
B Sander, I Höidén, U Andersson, E Möller, J S Abrams.
Journal of Immunological Methods 1993 Dec; 166(2):201.

Application: EIA, IF, Mouse, T cells, T cells culture supernatants
- [Anti-cytokine antibodies as carrier proteins. Prolongation of in vivo effects of exogenous cytokines by injection of cytokine-anti-cytokine antibody complexes.](#)
Finkelman FD, Madden KB, Morris SC, Holmes JM, Boiani N, Katona IM, Maliszewski CR.
The Journal of Immunology 1993 Aug; 151(3):1235.

Application: ELISA, Mouse, Serum
- [Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples.](#)
Abrams JS, Roncarolo MG, Yssel H, Andersson U, Gleich GJ, Silver JE.
Immunological Reviews 2006 Jun; 127:5.

Application: Blocking, ELISA, Mouse, Supernatants from cells cultured and stimulated ex vivo with different agents and biological fluids like sera/plasma, bronchoalveolar lavage, ascites, urines, cerebrospinal fluids, saliva, and sputa.