

IL-4 Monoclonal Antibody (BVD4-1D11)

Product Details	
Size	500 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG2b
Class	Monoclonal
Type	Antibody
Clone	BVD4-1D11
Conjugate	Unconjugated
Immunogen	Recombinant mouse IL-4.
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C
RRID	AB_2536384

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-dependent	3 Publications
ELISA (ELISA)	Assay-dependent	7 Publications
Neutralization (Neu)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	2 Publications

Flow Cytometry (3)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>IL-7R Expression Regulates Murine Dendritic Cell Sensitivity to Thymic Stromal Lymphopoietin.</p> <p>"AMC0042 was used in Flow cytometry/Cell sorting to show that murine ex vivo splenic DCs are unresponsive to TSLP, as they fail to phosphorylate STAT5, but in vitro overnight culture, especially in presence of IL-4, renders DCs responsive to both TSLP and IL-7."</p> <p>Authors: Kummola L,Ortutay Z,Chen X,Caucheteux S,Hämäläinen S,Aittomäki S,Yagi R,Zhu J,Pesu M,Paul WE,Junttila IS</p>	<p>Year 2017</p> <p>Species Mouse</p>
<p>Blood</p> <p>Negative feedback regulation of T helper type 1 (Th1)/Th2 cytokine balance via dendritic cell and natural killer T cell interactions.</p> <p>"AMC0042 was used in flow cytometry to examine the effects of the T helper type 1 and 2-cytokine environment on dendritic cell induction of natural killer T cell-mediated cytokine production"</p> <p>Authors: Minami K,Yanagawa Y,Iwabuchi K,Shinohara N,Harabayashi T,Nonomura K,Onoé K</p>	<p>Year 2005</p>

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ELISA (7)

<p>PloS one</p> <p>Alternaria-induced release of IL-18 from damaged airway epithelial cells: an NF-B dependent mechanism of Th2 differentiation?</p> <p>"AMC0042 was used in ELISA to study the mechanism of alternaria-mediated damage in airway epithelial cells"</p> <p>Authors: Murai H,Qi H,Choudhury B,Wild J,Dharajiya N,Vaidya S,Kalita A,Bacsi A,Corry D,Kurosky A,Brasier A,Boldogh I,Sur S</p>	<p>Year 2012</p>
<p>Parasitology research</p> <p>Humoral and cytokine response during protection of mice against secondary hydatidosis caused by Echinococcus granulosus.</p> <p>"AMC0042 was used in ELISA to induce protective immunity against secondary hydatidosis and elucidate the mechanisms of protection"</p> <p>Authors: Al-Qaoud KM,Abdel-Hafez SK</p>	<p>Year 2005</p>

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Misc (2)

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