

CD86 Monoclonal Antibody (BU63), FITC

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	BU63
Conjugate	FITC
Excitation/Emission Max	498/517 nm
Immunogen	Human peripheral blood lymphocytes.
Form	Liquid
Concentration	0.1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.2, with 1% BSA
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Store in the dark.
RRID	AB_929519

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	Neat	2 Publications
Miscellaneous PubMed (Misc)	-	5 Publications

Product Specific Information

For FACS analysis, use 10 µL of the suggested working dilution to label 1x10⁶ cells in 100 µL.

Mouse anti Human CD86 antibody, clone Bu63 recognizes human CD86 also known as B7-2, a type I transmembrane protein expressed by monocytes and activated B cells.

Immunocytochemistry (1)

<p>Immunology</p> <p>Major histocompatibility complex class II (DR) antigen and costimulatory molecules on in vitro and in vivo activated human polymorphonuclear neutrophils.</p> <p>"MA1-81186 was used in flow cytometry and immunocytochemistry to compare X-L of Mac -1 with other neutrophil activators"</p> <p>Authors: Sandilands GP,McCrae J,Hill K,Perry M,Baxter D</p>	<p>Year 2006</p>
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Flow Cytometry (2)

<p>Journal of leukocyte biology</p> <p>Profiling dendritic cell maturation with dedicated microarrays.</p> <p>"MA1-81186 was used in flow cytometry to develop a dendritic cell-dedicated microarray"</p> <p>Authors: McIlroy D,Tanguy-Royer S,Le Meur N,Guisele I,Royer PJ,Léger J,Meflah K,Grégoire M</p>	<p>Year 2005</p> <p>Dilution 3.3 µg/ml</p>
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<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Cross-talk between activated human NK cells and CD4+ T cells via OX40-OX40 ligand interactions.</p> <p>"MA1-81186 was used in flow cytometry to report that OX40 ligand is selectively induced by IL-2, IL-12, or IL-15-activated human NK cells following stimulation through NKG2D"</p> <p>Authors: Zingoni A,Sornasse T,Cocks BG,Tanaka Y,Santoni A,Lanier LL</p>	<p>Year 2004</p>
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Miscellaneous PubMed (5)

<p>The hematology journal : the official journal of the European Haematology Association</p> <p>Commitment of juvenile myelo-monocytic (JMML) leukemic cells to spontaneously differentiate into dendritic cells.</p> <p>"MA1-81186 was used in flow cytometry to study the ability of mononuclear cells from juvenile myelo-monocytic leukemia patients to act as antigen presenting cells."</p> <p>Authors: Longoni D,D'Amico G,Gaipa G,Bernasconi S,Vulcano M,Onnis P,Niemeyer CM,Allavena P,Biondi A</p>	<p>Year 2003</p> <p>Species Human</p>
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