

## Monoclonal Antibody to CD86 - PE

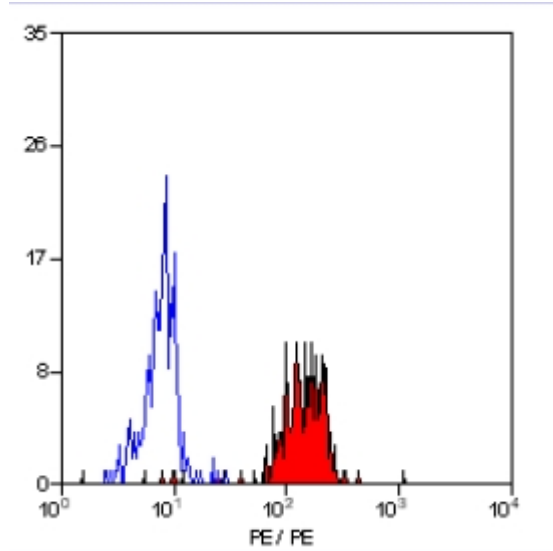
<b>Alternate names:</b>	Activation B7-2 antigen, B7.2, B70, BU63, CD28LG2, CTLA-4 counter-receptor B7.2, FUN-1, T-lymphocyte activation antigen CD86
<b>Catalog No.:</b>	SM1167RT
<b>Quantity:</b>	25 Tests
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	CD86 is a cell surface protein expressed by activated B cells and monocytes. CD86 is also known as B7-2, and is the second ligand for CD28 and CTLA-4, and may have an important role in co-stimulation of T cells in the primary immune response.
<b>Uniprot ID:</b>	<a href="#">P42081</a>
<b>NCBI:</b>	<a href="#">NP_008820.3</a>
<b>GeneID:</b>	<a href="#">942</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	BU63
<b>Immunogen:</b>	Human peripheral blood lymphocytes. Spleen cells from immunised mice were fused with cells of the mouse P3.X63 Ag8653 myeloma cell line.
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction. <b>Purification:</b> Affinity chromatography on Protein A <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. <b>Label:</b> PE – R. Phycoerythrin (RPE) <b>Reconstitution:</b> Restore with 0.25 ml distilled water.
<b>Applications:</b>	Flow Cytometry: Neat-1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the CD86 antigen. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Prior to and following reconstitution store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
<b>General References:</b>	1. McLellan, A. et al. (1999) Induction of dendritic cell costimulator molecule expression is suppressed by T cells in the absence of antigen-specific signalling: role of cluster formation, CD40 and HLA-class II for dendritic cell activation. <i>Immunology</i> . 98: 171-180.

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Pictures:



Staining of human peripheral blood monocytes with Mouse Anti Human CD86-RPE (SM1167RT).

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