

## Product datasheet for **SM1167FT**

### **B7-2 (CD86) Mouse Monoclonal Antibody [Clone ID: BU63]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	BU63
<b>Applications:</b>	FC
<b>Recommended Dilution:</b>	Flow Cytometry.
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<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>Specificity:</b>	This antibody recognises the CD86 antigen.
<b>Formulation:</b>	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity chromatography on Protein A
<b>Conjugation:</b>	FITC
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	CD86 molecule
<b>Database Link:</b>	<a href="#">Entrez Gene 942 Human P42081</a>

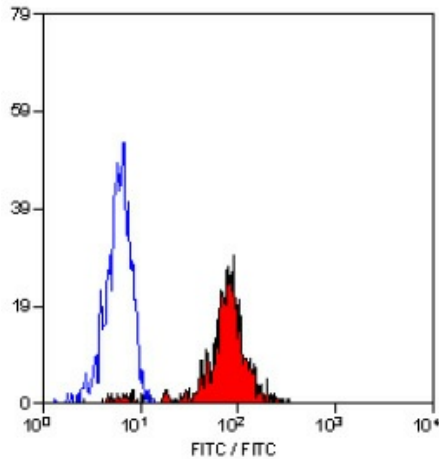


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**Background:** CD86 is a cell surface protein expressed by activated B cells and monocytes. CD86 is also known as B7-2, and is the second ligand for CD28 and CTLA-4, and may have an important role in co-stimulation of T cells in the primary immune response.

**Synonyms:** CD28LG2, Activation B7-2 antigen, B70, BU63, B7.2, FUN-1

**Product images:**



Staining of human peripheral blood monocytes with MOUSE ANTI HUMAN CD86:FITC.