



Anti human CD86

Specificity: Recognizes the extra-cellular domain of human CD86 (also called B7-2). Does not bind the extracellular domain of CD80.

Cell Distribution: CD86 antibody is rapidly induced on the surface of activated B cells, T cells or monocytes and is expressed at high levels on dendritic cells. It is also found on malignant Hodgkin and Reed-Sternberg (H-RS) cells in Hodgkin's disease.

Function: CD86 is one of two ligands (the other CD80) for CTLA4 and CD28. CD86 acts as co-stimulatory molecule in eliciting T-cell help during antigen presentation. Antigen presentation in the absence of sufficient costimulation involving CD86/CD80 can induce tolerance. CD80 appears to play a role distinct from CD80 in T helper cell differentiation.

Isotype: mouse IgG2a.

Clone: B72-H2

Concentration: 0.7 mg/ml

Formulation: Provided as 0.2 µm sterile filtered solution in phosphate buffered saline with 0.05% sodium azide.

Applications: Flow cytometry; Immunohistochemistry.

Immunogen: Recombinant extracellular domain of human CD86.

Antibody Source: *In vitro* cell culture, protein G purified.

Antibody Purity: > 95 % by SDS PAGE

Storage: Antibodies should be stored frozen at -20°C. Product stable for one year from date of purchase.

Ordering Information:	Form	Vial Size	Catalog #
	Pure	100 µg	0861

For research use only. Not for use in human diagnostics or therapeutics.