

## CD86 Conjugated Antibody

Catalog No: #C48763



Package Size: #C48763-AF350 100ul #C48763-AF405 100ul #C48763-AF488 100ul #C48763-AF555 100ul #C48763-AF594 100ul #C48763-AF647 100ul #C48763-AF680 100ul #C48763-AF750 100ul #C48763-Biotin 100ul #C48763-Conjugated 50ul

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## Description

Product Name	CD86 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Applications	WB, IF, FC
Species Reactivity	Hu Ms
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Activation B7-2 antigen 3 antibody Activation B7-2 antigen antibody B-lymphocyte activation antigen B7-2 2 antibody B-lymphocyte activation antigen B7-2 antibody B7 2 antibody B7 antibody B7-2 antibody B7.2 antibody B70 antibody B72 antigen antibody BU63 antibody CD28 antigen ligand 2 2 antibody CD28 antigen ligand 2 antibody Cd28l2 antibody CD28LG2 antibody CD86 antibody CD86 antigen (CD28 antigen ligand 2, B7-2 antigen) 1, 2 antibody CD86 antigen (CD28 antigen ligand 2, B7-2 antigen) antibody CD86 antigen antibody CD86 molecule antibody CD86_HUMAN antibody CLS1 antibody CTLA-4 counter-receptor B7.2 2, 3 antibody CTLA-4 counter-receptor B7.2 antibody Early T-cell costimulatory molecule 1 antibody ETC-1 antibody FUN 1 antibody FUN-1 antibody LAB72 antibody Ly-58 antibody Ly58 antibody MB7 antibody MB7-2 antibody Membrane glycoprotein antibody MGC34413 antibody T-lymphocyte activation antigen CD86 antibody TS/A-2 antibody
Accession No.	Swiss-Prot#:P42081
Calculated MW	70 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF: 1:50-1:200

FC: 1:50-1:200

## Background

T cell proliferation and lymphokine production are triggered by occupation of the TCR by antigen, followed by a costimulatory signal that is delivered by a ligand expressed on antigen presenting cells. The B7-related cell surface proteins B7-1 (CD80) and B7-2 (CD86) expressed on antigen presenting cells bind the homologous T cell receptors CD28 and CTLA-4 (cytotoxic T lymphocyte-associated protein-4) and trigger costimulatory signals for optimal T cell activation. CTLA-4 shares 31% overall amino acid identity with CD28, and it has been proposed that CD28 and CTLA-4 are functionally redundant. SLAM is a novel receptor on T cells that, when engaged, potentiates T cell expansion in a CD28-independent manner. B7, also designated BB1, is another ligand or counterreceptor for CD28 and CTLA-4 that is expressed on the antigen-presenting cell.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.