

## CD80 Antibody FITC Conjugated

Catalog No: #C04001F

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## Description

Product Name	CD80 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt ICC IF
Species Reactivity	Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 270-321 321 derived from rat CD80
Conjugates	FITC
Target Name	CD80
Other Names	B7-1; Activation B7 1 antigen; Activation B71 antigen; B lymphocyte activation antigen B7; B7; BB1; CD 80; CD28 antigen ligand 1 B7 1 antigen; CD28 antigen ligand 1 B71 antigen; CD28LG; CD28LG1; CD80 antigen; CD80 antigen precursor; CD80 molecule; Costimulatory factor CD80; CTLA 4 counter receptor B7
Accession No.	Swiss-Prot#G3V671NCBI Gene ID25408
Uniprot	G3V671
GeneID	25408;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

Flow-Cyt=0.2ug/Test ICC=1:50-200 IF=1:50-200

## Background

CD80 is a member of the Ig superfamily and serves as the ligand for two T cell molecules, CD28 and CTLA4. Interactions between CD28 and CD80 on activated B cells result in enhanced T cell activation. CD80 is rapidly induced on the surface of in vitro activated B cells, Epstein Barr Virus (EBV) transformed B cell lines, Burkitts lymphoma cell lines, freshly isolated follicular B lymphoma cells, T cells, and monocytes. It is also expressed at high levels in dendritic cells. It reacts weakly with a small proportion of non activated normal B cells and with HTLV1 infected T cells. CD80 does not react with peripheral monocytes, resting and activated normal T cells, T cell lines and T cell clones, nor with myelomonocytic cell lines.

Note: This product is for in vitro research use only