CD80 Antibody FITC Conjugated

Catalog No: #C04001F



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Host SpeciesRabbitClonalityPolyclonalIsotypeIgGPurificationPurified by Protein A.ApplicationsFlow-Cyt ICC IFSpecies ReactivityMs RtImmunogen DescriptionKLH conjugated synthetic peptide aa 270-321 321 derived from rat CD80ConjugatesFITCTarget NameCD80Other NamesB7-1; 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 B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCurrent StationCytoplasm	Description	Support: tech@signalwayantibody.com
ClonalityPolyclonalIsotypeIgGPurificationPurified by Protein A.ApplicationsFlow-Cyt ICC IFSpecies ReactivityMs RtImmunogen DescriptionKLH conjugated synthetic peptide aa 270-321 321 derived from rat CD80ConjugatesFITCTarget NameCD80Other NamesB7-1; Activation B7 1 antigen; CD28 antigen ligand 1 B71 antigen; CD280, CTLA 4 counter receptor B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentrationImg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Product Name	CD80 Antibody FITC Conjugated
Isotype IgG IgG Purified by Protein A. Purified by Protein A. Applications Flow-Cyt ICC IF Species Reactivity Ms Rt Inmunogen Description KLLH conjugated synthetic peptide aa 270-321 321 derived from rat CD80 Conjugates FITC CD80 CD80 CD80 CD80 CD80 CD80 CD80 CD8	Host Species	Rabbit
PurificationPurified by Protein A.ApplicationsFlow-Cyt ICC IFSpecies ReactivityMs RtImmunogen DescriptionKLH conjugated synthetic peptide aa 270-321 321 derived from rat CD80ConjugatesFITCTarget NameCD80Other NamesB7-1; 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 B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentrationImg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Clonality	Polyclonal
ApplicationsFlow-Cyt ICC IFSpecies ReactivityMs RtImmunogen DescriptionKLH conjugated synthetic peptide aa 270-321 321 derived from rat CD80ConjugatesFITCTarget NameCD80Other NamesB7-1; 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 B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlConcentration1mg ml	Isotype	lgG
Species ReactivityMs RtImmunogen DescriptionKLH conjugated synthetic peptide aa 270-321 321 derived from rat CD80ConjugatesFITCTarget NameCD80Other NamesB7-1; 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 B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Purification	Purified by Protein A.
Immunogen DescriptionKLH conjugated synthetic peptide aa 270-321 321 derived from rat CD80ConjugatesFITCTarget NameCD80Other NamesB7-1; 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 B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.0111 TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Applications	Flow-Cyt ICC IF
ConjugatesFITCTarget NameCD80Other NamesB7-1; 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 B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Species Reactivity	Ms Rt
Target NameCD80Other NamesB7-1; 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 B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Immunogen Description	KLH conjugated synthetic peptide aa 270-321 321 derived from rat CD80
Other NamesB7-1; 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 B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Conjugates	FITC
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 B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Target Name	CD80
CD80 antigen precursor;CD80 molecule; Costimulatory factor CD80; CTLA 4 counter receptor B7Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Other Names	B7-1; Activation B7 1 antigen; Activation B71 antigen; B lymphocyte activation antigen B7; B7; BB1; CD 80;
Accession No.Swiss-Prot#G3V671NCBI Gene ID25408UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.		CD28 antigen ligand 1 B7 1 antigen; CD28 antigen ligand 1 B71 antigen; CD28LG; CD28LG1; CD80 antigen;
UniprotG3V671GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.		CD80 antigen precursor;CD80 molecule; Costimulatory factor CD80; CTLA 4 counter receptor B7
GeneID25408;Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Accession No.	Swiss-Prot#G3V671NCBI Gene ID25408
Excitation Emission494nm 518nmCell LocalizationCytoplasmConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Uniprot	G3V671
Cell Localization Cytoplasm Concentration 1mg ml Formulation 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	GenelD	25408;
Concentration 1mg ml Formulation 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Excitation Emission	494nm 518nm
Formulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Cell Localization	Cytoplasm
	Concentration	1mg ml
Storage Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	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