



CD80 Monoclonal Antibody

Catalog No	YP-Ab-13811
Isotype	IgG
Reactivity	Human
Applications	IHC;IF;ELISA
Gene Name	CD80
Immunogen	Purified recombinant fragment of CD80 expressed in E. Coli.
Specificity	CD80 Monoclonal Antibody detects endogenous levels of CD80 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	1E2F10;Activation B7 1 antigen;Activation B7-1 antigen;B7;B7 1;CD80;T-lymphocyte activation antigen CD80;CD28LG;CD28LG1;LAB7;BB1;CTLA-4 counter-receptor B7.1;CD antigen CD80
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Expressed on activated B-cells, macrophages and dendritic cells.
Function	function:Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with adenovirus subgroup B fiber proteins and acts as a receptor for these viruses.,tissue specificity:Expressed on activated B-cells, macrophages and dendritic cells.,
Background	The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus



subgroup B and may play a role in lupus neuropathy. [provided by RefSeq, Aug 2011],

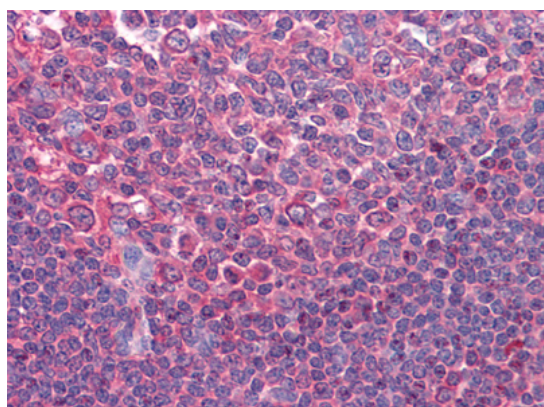
matters needing attention

Avoid repeated freezing and thawing!

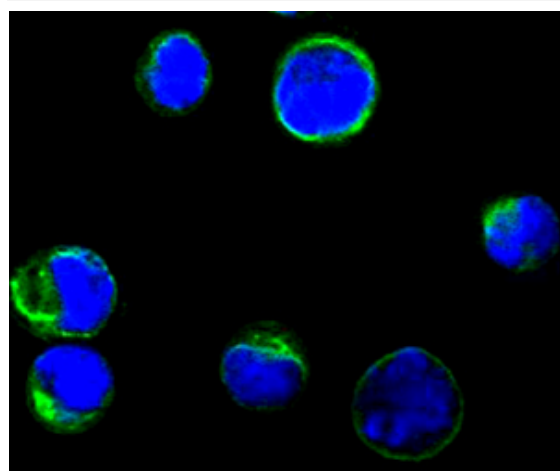
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human Tonsil tissues with AEC staining using CD80 Monoclonal Antibody.



Confocal immunofluorescence analysis of BCBL-1 cells using CD80 Monoclonal Antibody (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.