

CD80 Mouse mAb

CatalogNo: YM0136

| Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- IHC,IF,ELISA

| Recommended Dilution Ratios

IHC 1:200-1:1000

IF 1:200-1:1000

ELISA 1:10000

Not yet tested in other applications.

| Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Monoclonal

| Immunogen Information

Immunogen

Purified recombinant fragment of CD80 expressed in E. Coli.

Specificity

CD80 Monoclonal Antibody detects endogenous levels of CD80 protein.

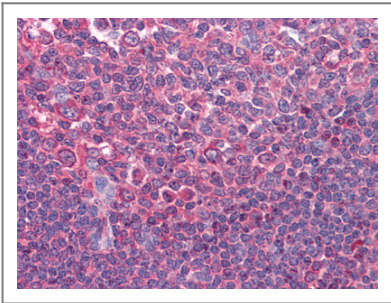
| Target Information

Gene name

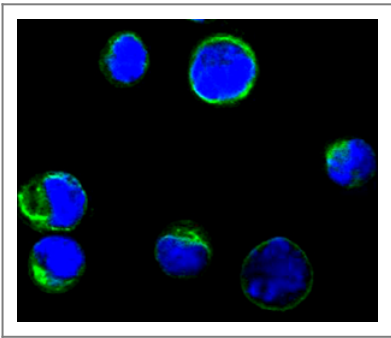
CD80

Protein Name	T-lymphocyte activation antigen CD80		
	Organism	Gene ID	UniProt ID
	Human	941;	P33681;
	Mouse		Q00609;
Cellular Localization	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.,		

| Validation Data



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.

| Contact information

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CD80 Mouse mAb

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