

## 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.

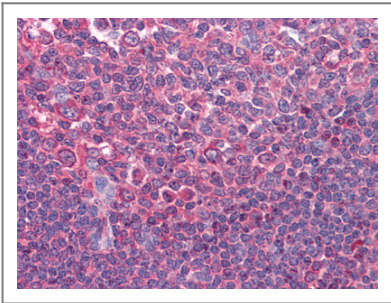
### | Target Information

#### Gene name

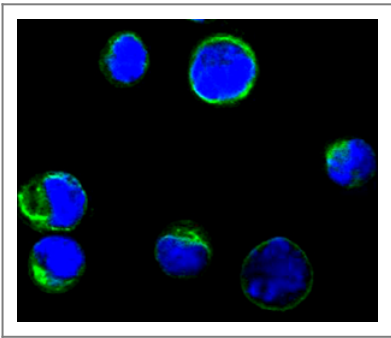
CD80

<b>Protein Name</b>	T-lymphocyte activation antigen CD80		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">941;</a>	<a href="#">P33681;</a>
	Mouse		<a href="#">Q00609;</a>
<b>Cellular Localization</b>	Membrane; Single-pass type I membrane protein.		
<b>Tissue specificity</b>	Expressed on activated B-cells, macrophages and dendritic cells.		
<b>Function</b>	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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Please scan the QR code  
to access additional  
product information:  
**CD80 Mouse mAb**

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For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)