

### CD86 Rabbit mAb

**Catalog # AP78935** 

### **Specification**

### CD86 Rabbit mAb - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IHC-P, FC, IP, ICC P42081 Human, Rat Rabbit Monoclonal Antibody 37682

### CD86 Rabbit mAb - Additional Information

Gene ID 942

Other Names CD86

Dilution

WB~~1/500-1/1000 IHC-P~~N/A FC~~1:10~50 IP~~N/A ICC~~N/A

### **Format**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## CD86 Rabbit mAb - Protein Information

Name CD86

Synonyms CD28LG2

## **Function**

Receptor involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production, by binding CD28 or CTLA-4 (PubMed:<a href="http://www.uniprot.org/citations/12196291" target="\_blank">12196291</a>). May play a critical role in the early events of T-cell activation and costimulation of naive T-cells, such as deciding between immunity and anergy that is made by T-cells within 24 hours after activation (PubMed:<a href="http://www.uniprot.org/citations/7527824" target="\_blank">7527824</a>). Also involved in the regulation of B cells function, plays a role in regulating the level of IgG(1) produced. Upon CD40 engagement, activates NF-kappa-B signaling pathway via phospholipase C and protein kinase C activation (By similarity).



**Cellular Location** 

Cell membrane; Single-pass type I membrane protein

## **Tissue Location**

Expressed by activated B-lymphocytes and monocytes.

## CD86 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# CD86 Rabbit mAb - Images

