

# CD86 Rabbit mAb

Catalog # AP78935

## Product Information

---

<b>Application</b>	WB, IHC-P, FC, IP, ICC
<b>Primary Accession</b>	<a href="#">P42081</a>
<b>Reactivity</b>	Human, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	37682

## Additional Information

---

<b>Gene ID</b>	942
<b>Other Names</b>	CD86
<b>Dilution</b>	WB~1/500-1/1000 IHC-P~N/A FC~1:10~50 IP~N/A ICC~N/A
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

---

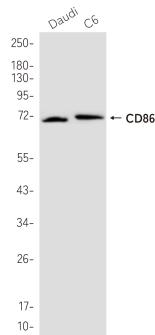
<b>Name</b>	CD86
<b>Synonyms</b>	CD28LG2
<b>Function</b>	Costimulatory molecule that belongs to the immunoglobulin superfamily that plays an important role in T-lymphocyte activation (PubMed: <a href="#">12196291</a> , PubMed: <a href="#">7694363</a> ). Acts as the primary auxiliary signal augmenting the MHC/TCR signal in naive T-cells by acting as a ligand for the CD28 receptor which is constitutively expressed on the cell surface of T-cells (PubMed: <a href="#">12196291</a> , PubMed: <a href="#">7694363</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="#">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). Also acts as an inhibitor of T-cell activation by acting as a ligand for CTLA4, a decoy receptor, thereby blocking CD28-mediated T-cell priming (PubMed: <a href="#">11279501</a> ).
<b>Cellular Location</b>	Cell membrane; Single-pass type I membrane protein

## Tissue Location

Expressed on the surfaces of antigen-presenting cells.

## Images

---



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.