

CD86 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS17074**Specification**

CD86 Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | IHC, IF, WB |
| Primary Accession | P42081 |
| Other Accession | 942 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Calculated MW | 37682 |

CD86 Antibody - Additional Information**Gene ID** 942**Other Names**

CD86, Activation B7-2 antigen, B7-2, B7.2, B70, CD86 molecule, CTLA-4 counter-receptor B7.2, CD86 antigen, FUN-1, LAB72, BU63, CD28LG2, CtlA-4 counter-receptors b7.2

Target/Specificity

Human CD86

Reconstitution & Storage

PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions

CD86 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CD86 Antibody - 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. 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:7527824). 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.

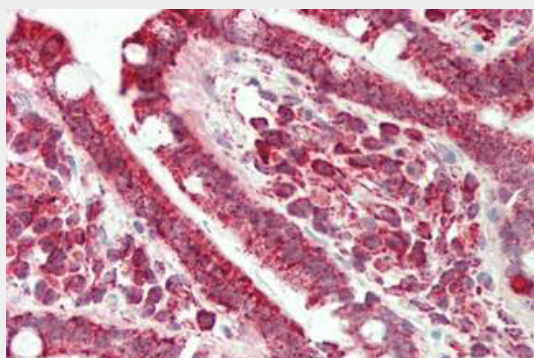
Volume

50 μ l

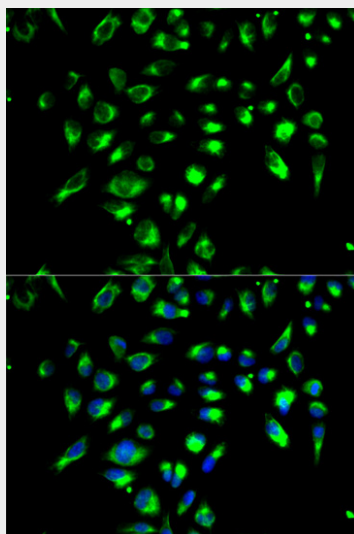
CD86 Antibody - Protocols

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

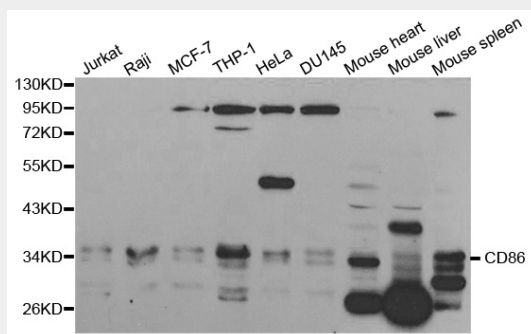
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD86 Antibody - Images

Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence analysis of MCF-7 cell using CD86 antibody. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using CD86 antibody.

CD86 Antibody - Background

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CD86 Antibody - References

- Azuma M.,et al.Nature 366:76-79(1993).
- Freeman G.J.,et al.Science 262:909-911(1993).
- Magistrelli G.,et al.Biochem. Biophys. Res. Commun. 280:1211-1215(2001).
- Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
- Livingston R.J.,et al.Submitted (OCT-2006) to the EMBL/GenBank/DDBJ databases.