

## Anti-CD86 Antibody (7U35)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7U35
Purification:	Affinity-chromatography

## Applications

Western Blot	-Positive WB detected in Hela whole cell lysate
Verified Activity:	-All lanes CD86 antibody at 0.55µg/ml
	-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
	-Predicted band size: 70 KDa
	-Observed band size: 70 KDa
Application:	ELISA, WB
Recommended	WB:1:500-1:2000.

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthetic peptide
Antigen Species:	Human
Gene ID:	942
Uniprot ID:	P42081
Synonyms:	B7.2;B70;CD86 antigen;B7-2;LAB72;CD28LG2
Biology Area:	Immunology

## Research Background

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. 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. Interferes with the formation of CD86 clusters, and thus acts as a negative regulator of T-cell activation. (Microbial infection) Acts as a receptor for adenovirus subgroup B.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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