

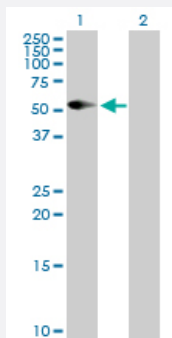
MaxPab®

CD86 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000942-D01P

Size 100 ug

Applications

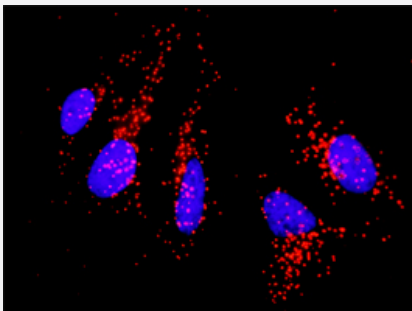


Western Blot (Transfected lysate)

Western Blot analysis of CD86 expression in transfected 293T cell line ([H00000942-T01](#)) by CD86 MaxPab polyclonal antibody.

Lane 1: CD86 transfected lysate(37.70 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between CD86 and CD80. HeLa cells were stained with anti-CD86 rabbit purified polyclonal 1:1200 and anti-CD80 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CD86 protein.
Immunogen	CD86 (AAH40261.1, 1 a.a. ~ 329 a.a) full-length human protein.
Sequence	MDPQCTMGLSNILFVMAFLLSGAAPLKIQAYFNETADLPCQFANSQNSLSLVVFWQDQENLVL NEVYLGKEKFDSVHSKYMGRTSFDSDSWTLRLHNLQIKDKGLYQCIHHKKPTGMIRIHQMNSELS VLANSQPEIMPISNITENVYNLTSSIHGYPEPKKMSVLLRTKNSTIEYDGIMQKSQDNVTELYDVSI SLSVSFPDVTSNMTIFCILETDKTRLLSSPFSIELEDPPPPDHIPWITAVLPTVIICVMVFCLILWKW KKKKRPRNSYKCGTNTMEREESEQTKKREKIHIPERSDETQRVFKSSKTSSCDKSDTCF
Host	Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (50); Rat (57)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

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Gene Info — CD86

Entrez GeneID	942
GeneBank Accession#	BC040261.1
Protein Accession#	AAH40261.1
Gene Name	CD86
Gene Alias	B7-2, B70, CD28LG2, LAB72, MGC34413
Gene Description	CD86 molecule
Omim ID	601020
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined. [provided by RefSeq]

Other Designations

B-lymphocyte activation antigen B7-2|B7-2 antigen|CD28 antigen ligand 2|CD86 antigen|CD86 antigen (CD28 antigen ligand 2, B7-2 antigen)|CTLA-4 counter-receptor B7.2

Pathway

- [Allograft rejection](#)
- [Autoimmune thyroid disease](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Graft-versus-host disease](#)
- [Systemic lupus erythematosus](#)
- [Toll-like receptor signaling pathway](#)
- [Type I diabetes mellitus](#)

Disease

- [Acute Disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
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- [Diabetes Mellitus](#)
- [Disease Progression](#)
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- [Genetic Predisposition to Disease](#)
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- [Hepatitis C](#)
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- [Lung Neoplasms](#)
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- [Malignant melanoma](#)
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- [Sarcoidosis](#)
- [Scleroderma](#)
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- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)