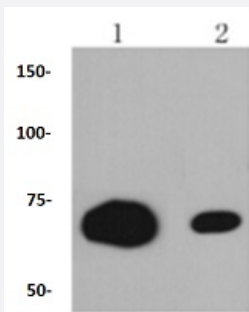


RecomAb™

CD86 recombinant monoclonal antibody

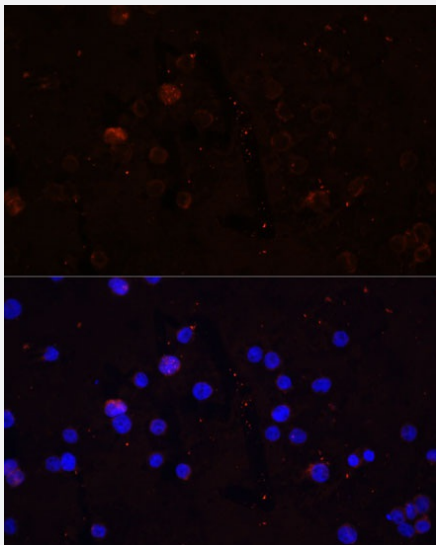
Catalog # RAB02398 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts of various cell lines, using CD86 recombinant monoclonal antibody (Cat # RAB02398) at 1:500 dilution.



Immunofluorescence

Immunofluorescence analysis of THP-1 cells using CD86 recombinant monoclonal antibody (Cat # RAB02398) at dilution of 1:100 . Blue: DAPI for nuclear staining.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against recombinant CD86.
Antibody Species	Rabbit
Theoretical MW (kDa)	37, 70

Reactivity	Horse, Human, Rat
Specificity	This antibody detects endogenous levels of CD86 and does not cross-react with related proteins.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000)
Storage Buffer	In PBS, pH 7.2 (0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts of various cell lines, using CD86 recombinant monoclonal antibody (Cat # RAB02398) at 1:500 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunofluorescence

Immunofluorescence analysis of THP-1 cells using CD86 recombinant monoclonal antibody (Cat # RAB02398) at dilution of 1:100 . Blue: DAPI for nuclear staining.

- Flow Cytometry

Gene Info — CD86

Entrez GeneID [942](#)

Protein Accession#	P42081
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](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Eruptions](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Multiple Sclerosis](#)
- [Papillomavirus Infections](#)
- [Pemphigus](#)
- [Pulmonary Disease](#)
- [Recurrence](#)

- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Scleroderma](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)