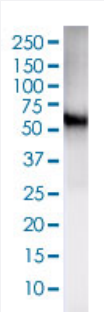
RecomAb™

CD86 recombinant monoclonal antibody, clone C86/2160R

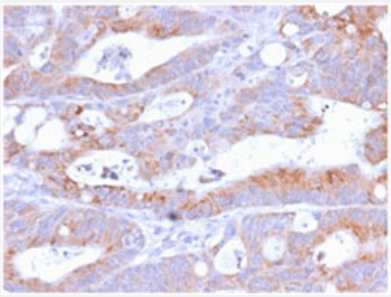
Catalog # RAB00670 Size 100 ug

Applications



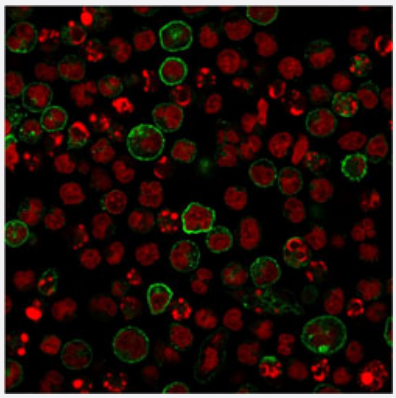
Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of Ramos cell lysate.



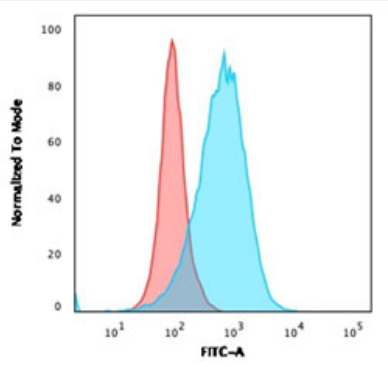
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon.



Immunofluorescence

Immunofluorescence staining of Raji cells. Goat anti-rabbit IgG conjugated to CF488 (Green) ; Nuclei are stained with Reddot.



Flow Cytometry

Flow cytometric analysis of Ramos cells. This antibody followed by goat anti-mouse IgG-CF488 (Blue). Isotype Control (Red).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human CD86.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to full-length human CD86.
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	ELISA (2-4 ug/mL for coating) Flow Cytometry (1-2 ug/million cells) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Immunofluorescence (1-2 ug/mL) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

- Western Blot (Cell lysate)

  Western Blot (cell lysate) analysis of Ramos cell lysate.

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

  Immunohistochemical staining of human colon.

- Immunofluorescence

  Immunofluorescence staining of Raji cells. Goat anti-rabbit IgG conjugated to CF488 (Green) ; Nuclei are stained with Reddot.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

  Flow cytometric analysis of Ramos cells. This antibody followed by goat anti-mouse IgG-CF488 (Blue). Isotype Control (Red).

Gene Info — CD86

Entrez GeneID	942
Protein Accession#	P4208
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