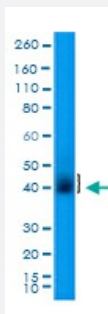


RecomAb™

CD28 monoclonal antibody, clone RM404

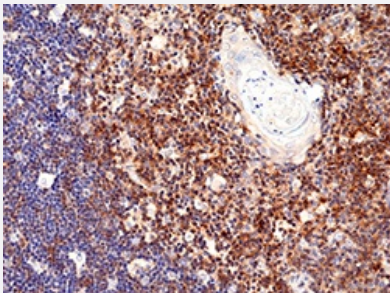
Catalog # MAB23194 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot of human T-cell lysate using CD28 monoclonal antibody clone RM404 at a 1:200 dilution.



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

Immunohistochemical staining of formalin fixed and paraffin embedded human thymus using CD28 monoclonal antibody clone RM404 at a 1:200 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD28.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to C-terminus of human CD28.
Reactivity	Human
Specificity	This antibody reacts to human CD28.
Form	Liquid

Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:100 - 1:200) Western Blot (1:100 - 1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
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 of human T-cell lysate using CD28 monoclonal antibody clone RM404 at a 1:200 dilution.

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

Immunohistochemical staining of formalin fixed and paraffin embedded human thymus using CD28 monoclonal antibody clone RM404 at a 1:200 dilution.

Gene Info — CD28

Entrez GeneID	940
Gene Name	CD28
Gene Alias	MGC138290, Tp44
Gene Description	CD28 molecule
Omim ID	186760
Gene Ontology	Hyperlink
Gene Summary	CD28 costimulation is essential for CD4 (MIM 186940)-positive T-cell proliferation, survival, interleukin-2 (IL2; MIM 147680) production, and T-helper type-2 (Th2) development.[supplied by OMIM]
Other Designations	CD28 antigen CD28 antigen (Tp44) T-cell-specific surface glycoprotein

Pathway

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

Disease

- [Acute Disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Cholangitis](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Eruptions](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)

- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Occupational Diseases](#)
- [Pemphigus](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stroke](#)
- [Uterine Cervical Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)