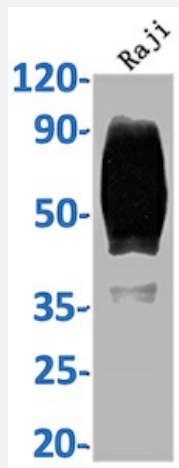


RecomAb™

CD80 recombinant monoclonal antibody, clone 3C3

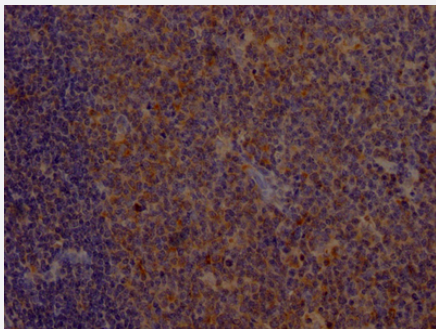
Catalog # RAB04053 Size 100 uL

Applications



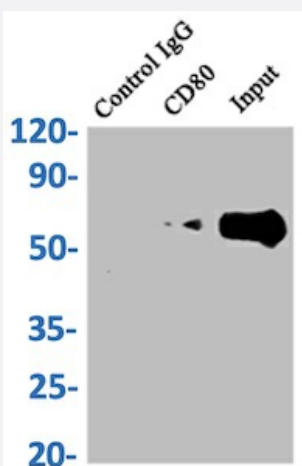
Western Blot

Western Blot analysis of Lane 1: Raji whole cell lysate.



Immunohistochemistry

Immunohistochemistry image of CD80 recombinant monoclonal antibody, clone 3C3 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system.



Immunoprecipitation

Immunoprecipitating CD80 in Raji whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD80.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human CD80.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Immunoprecipitation(1:200-1:1000) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °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

Western Blot analysis of Lane 1: Raji whole cell lysate.

- Immunohistochemistry

Immunohistochemistry image of CD80 recombinant monoclonal antibody, clone 3C3 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system.

- Immunoprecipitation

Immunoprecipitating CD80 in Raji whole cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CD80

Entrez GeneID [941](#)

Protein Accession# [P33681](#)

Gene Name CD80

Gene Alias CD28LG, CD28LG1, LAB7

Gene Description CD80 molecule

Omim ID [112203](#)

Gene Ontology [Hyperlink](#)

Gene Summary The B-lymphocyte activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 (MIM 186760) and CTLA4 (MIM 123 890) ligands of T cells.[supplied by OMIM]

Other Designations B-lymphocyte activation antigen B7|CD80 antigen|CD80 antigen (CD28 antigen ligand 1, B7-1 antigen)|costimulatory factor CD80|costimulatory molecule variant IgV-CD80

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

- [Arthritis](#)
- [Asthma](#)

- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)