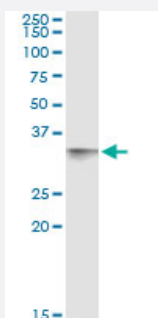


CD80 monoclonal antibody (M03A), clone 4A4

Catalog # H00000941-M03A

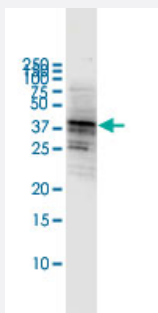
Size 200 uL

Applications



Immunoprecipitation

Immunoprecipitation of CD80 transfected lysate using anti-CD80 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD80 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (53.94 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant CD80.

Immunogen

CD80 (NP_005182.1, 1 a.a. ~ 288 a.a) full-length recombinant protein.

Sequence

MGHTRRQGTSPSKCPYLNFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSV EELAQT
RIY WQKEKKMVLTMMSGDMNWPEYKNRTIFDITNNLSMILALRPSDEGT YECVVLKYEKDAFKREHL
AEVTL SVKADFPTPSISDFEIP TSNIRRICSTSGGFPEPHLSWLENGEELNAINTTVS QDPETEL YA
VSSKLD FNM TTNH SFMCLIKYGH LRVNQTFNWNTTKQE HFPD NLLPSWAITLISVN

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (46)
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (53.94 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of CD80 transfected lysate using anti-CD80 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD80 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — CD80

Entrez GeneID	941
GeneBank Accession#	NM_005191.2
Protein Accession#	NP_005182.1
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 123890) 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](#)