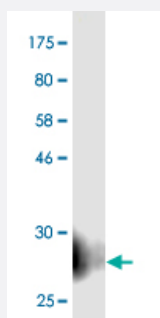


CD80 monoclonal antibody (M31), clone 3G5

Catalog # H00000941-M31

Size 100 ug

Applications



Western Blot detection against Immunogen (25.08 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CD80.
Immunogen	CD80 (NP_005182.1, 35 a.a. ~ 242 a.a) partial recombinant protein.
Sequence	VIHVTKEVKEVATLSCGHNVSV EELAQTRIWWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSI VILALRPSDEGTYECVVLKYEKDAFKREHLAEVTL SVKADFPTPSISDFEIP TSNIRRIICSTSGGFPE PHLSWLENGEELNAINTTVSQDPETELYAVSSKLDFNMTTNH SFMCLIKYGH LRVNQTFNWNTTK QEHFPDN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (52)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (25.08 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[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 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](#)