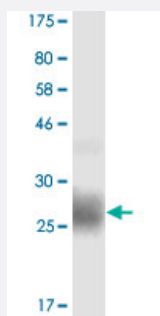


CD80 monoclonal antibody (M33), clone 4G5

Catalog # H00000941-M33

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 SVKADFPTPSISDFE IPTSNIRRIICSTSGGFPE PHLSWLENGEELNAINTTVSQDPETELYAVSSKLDFNMTTNHSFMCLIKYGH LRVNQTFNWNTTK QEHFPDN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (52)
Isotype	IgG2b 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](#)