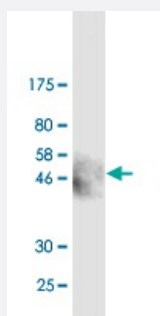


# CD80 monoclonal antibody (M25), clone 1A11

Catalog # H00000941-M25

Size 100 ug

## Applications



Western Blot detection against Immunogen (25.08 KDa) .

## Specification

|                                      |                                                                                                                                                                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse monoclonal antibody raised against a partial recombinant CD80.                                                                                                                                                              |
| <b>Immunogen</b>                     | CD80 (NP_005182.1, 35 a.a. ~ 242 a.a) partial recombinant protein.                                                                                                                                                                |
| <b>Sequence</b>                      | VIHVTKEVKEVATLSCGHNVSV EELAQTRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSI<br>VILALRPSDEGTYESVVLKYEKDAFKREHLAEVTL SVKADFPTPSISDFEIP TSNIRRIICSTSGGFPE<br>PHLSWLENGEELNAINTTVSQDPETELYAVSSKLDFNM TTNHFSFMCLIKYGH LRVNQTFNWNTTK<br>QEHFPDN |
| <b>Host</b>                          | Mouse                                                                                                                                                                                                                             |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                             |
| <b>Interspecies Antigen Sequence</b> | Mouse (52)                                                                                                                                                                                                                        |
| <b>Isotype</b>                       | IgG1 Kappa                                                                                                                                                                                                                        |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (25.08 KDa) .                                                                                                                          |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                                                                                                                                 |
| <b>Storage Instruction</b>           | 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       | <a href="#">941</a>                                                                                                                                                                                                                    |
| GeneBank Accession# | <a href="#">NM_005191.2</a>                                                                                                                                                                                                            |
| Protein Accession#  | <a href="#">NP_005182.1</a>                                                                                                                                                                                                            |
| Gene Name           | CD80                                                                                                                                                                                                                                   |
| Gene Alias          | CD28LG, CD28LG1, LAB7                                                                                                                                                                                                                  |
| Gene Description    | CD80 molecule                                                                                                                                                                                                                          |
| Omim ID             | <a href="#">112203</a>                                                                                                                                                                                                                 |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                              |
| 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](#)