

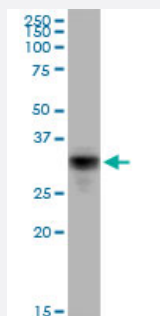
MaxPab®

CD80 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000941-B01P

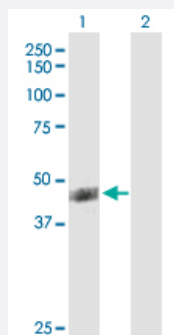
Size 50 ug

Applications



Western Blot (Cell lysate)

CD80 MaxPab polyclonal antibody. Western Blot analysis of CD80 expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of CD80 expression in transfected 293T cell line ([H00000941-T01](#)) by CD80 MaxPab polyclonal antibody.

Lane 1: CD80 transfected lysate(31.68 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CD80 protein.

Immunogen

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

Sequence

MGHTRRQGTSPSKCPYLNFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQTRIY
WQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSVILALRPSDEGTYESVVLKYEKDAFKREHL
AEVTL SVKADFPTPSISDFEIPTSNIRRICSTSGGFPEPHLSWLENGEELNAINTTVSQDPETELYA
VSSKLDNFMTTNHSFMCLIKYGHRLRVNQTFNWNTTKQEHFPDNLPSWAITLISVNGIFVICCLTYCF
APRCRERRRNERLRRESVRPV

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (46)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

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](#)