

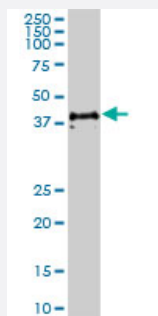
MaxPab®

CD48 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000962-B01P

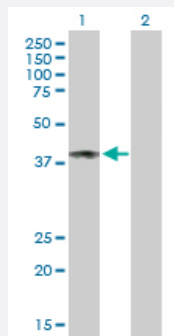
Size 50 ug

Applications



Western Blot (Tissue lysate)

CD48 MaxPab polyclonal antibody. Western Blot analysis of CD48 expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of CD48 expression in transfected 293T cell line ([H00000962-T02](#)) by CD48 MaxPab polyclonal antibody.

Lane 1: CD48 transfected lysate(26.73 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CD48 protein.

Immunogen

CD48 (NP_001769.2, 1 a.a. ~ 243 a.a) full-length human protein.

Sequence

MCSRGWDSCLALELLLLPLSLLVTSIQGHLVHMTVVSGSNVTNLNISESLPENYKQLTWFYTFDQKI
VEWDSRKSKEYFESKFKGRVRLDPQSGALYISKVQKEDNSTYIMRVLKKTGNEQEWKIKLQVLDPV
PKPVIKIEKIEDMDDNCYLKLSVIPGESVNYTWYGDKRPFKELQNSVLETTLMPHNYSRCYTCQ
VNSVSSKNGTVCLSPCTLARSFGVEWIASWLVTVPITLGLLLT

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (52); Rat (51)
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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Gene Info — CD48

Entrez GeneID	962
GeneBank Accession#	NM_001778
Protein Accession#	NP_001769.2
Gene Name	CD48
Gene Alias	BCM1, BLAST, BLAST1, MEM-102, SLAMF2, hCD48, mCD48
Gene Description	CD48 molecule
Omim ID	109530
Gene Ontology	Hyperlink

Gene Summary

BLAST1 is the designation used for an activation-associated cell surface glycoprotein of 40 to 45 kD expressed primarily in mitogen-stimulated human lymphocytes. The protein sequence predicted by the cDNA encoding BLAST1 indicates that BLAST1 is a member of the immunoglobulin supergene family. Yokoyama (1991) identified the BLAST1 activation/adhesion molecule as CD48.[s applied by OMIM

Other Designations

CD48 antigen (B-cell membrane protein)|OTTHUMP00000025680|OTTHUMP00000060268

Pathway

- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)