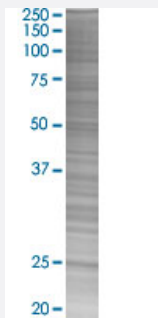


CD48 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000962-T03

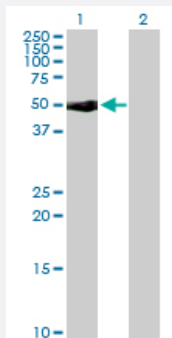
Size 100 uL

Applications



SDS-PAGE Gel

CD48 transfected lysate.



Western Blot

Lane 1: CD48 transfected lysate (27.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CD48 full-length
Host	Human
Theoretical MW (kDa)	27.7
Interspecies Antigen Sequence	Mouse (52); Rat (51)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CD48 antibody ([H00000962-D01P](#)) by Western Blots.

SDS-PAGE Gel

CD48 transfected lysate.

Western Blot

Lane 1: CD48 transfected lysate (27.70 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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.[supplied 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](#)