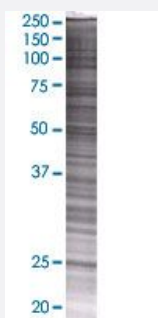


# CD48 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000962-T01

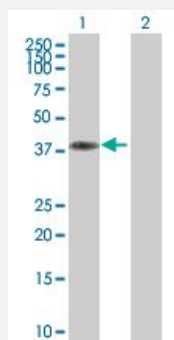
Size 100 uL

## Applications



### SDS-PAGE Gel

CD48 transfected lysate.



### Western Blot

Lane 1: CD48 transfected lysate ( 27.7 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-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 CD48 transfected lysate.  
 Western Blot  
 Lane 1: CD48 transfected lysate ( 27.7 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](#)

### 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](#)