

# Recombinant Mouse Cd48 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. Cd48-486MAF488 Lot. No. (See product label)

## SPECIFICATION

**Product Overview** A DNA sequence encoding the mouse CD48 (BAE96323.1) (Met1-Arg216) (Alexa Fluor 488 conjugated) was expressed with the Fc region of human IgG1 at the C-terminus.

**Species** Mouse

**Source** HEK293

**ProteinLength** Met1-Arg216 432

**Form** Lyophilized

**Molecular Mass** The recombinant mouse CD48 comprises 432 amino acids and has a predicted molecular mass of 49 kDa. The apparent molecular mass of the protein is approximately 63.7 kDa in SDS-PAGE under reducing conditions.

**Endotoxin** < 1.0 EU/ µg of the protein as determined by the LAL method.

**Purity** > 90 % as determined by SDS-PAGE

**Characteristic**  
Disulfide-linked homodimer  
Labeled with Alexa Fluor 488 via amines  
Excitation Wavelength: 488 nm  
Emission Wavelength: 515-545 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH7.4.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	Cd48 CD48 antigen [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Cd48
<b>Synonyms</b>	CD48; CD48 antigen; HM48-1; BCM1 surface antigen; MRC OX-45 surface antigen; BCM1; BLAST; Bcm-1; BLAST1; SLAMF2; Sgp-60; BLAST-1; MEM-102; AI449234; AW610730;
<b>Gene ID</b>	12506
<b>mRNA Refseq</b>	NM_007649
<b>Protein Refseq</b>	NP_031675

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