

Recombinant Mouse Cd48 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Cd48-486MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse CD48 (BAE96323.1) (Met1-Arg216) (Alexa Fluor 555 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 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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	TRITC/Cy3 filters.
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	Alexa Fluor 555

GENE INFORMATION

Gene Name	Cd48 CD48 antigen [Mus musculus]
Official Symbol	Cd48
Synonyms	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;
Gene ID	12506
mRNA Refseq	NM_007649
Protein Refseq	NP_031675

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