Active Recombinant Mouse CD276 Protein, MIgG2a mFc-tagged, Alexa Fluor 488 conjugated

Cat. No. CD276-2881MAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Alexa Fluor 488 conjugated extracellular domain of mouse B7-H3 (NP_598744.1) (Glu30-Ala248) is fused to the N-terminus of the Fc region of mouse IgG2a.
Species	Mouse
Source	CHO
ProteinLength	30-248 a.a.
Form	Lyophilized
Bio-activity	Measured by its ability to enhance anti-CD3-induced proliferation of mouse CD3+ T cells.
Molecular Mass	50 kDa (monomer)
AA Sequence	Glu30-Ala248
Endotoxin	< 0.06 EU/ μg as determined by LAL test.
Purity	> 98 % by SDS-PAGE under reducing conditions.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines

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	Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.
Concentration	100 μg/mL
Storage Buffer	Lyophilized from 0.2 μm filtered solution in PBS.
Reconstitution	Reconstitute at 100 μg/mL in sterile PBS.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	Cd276 CD276 antigen [Mus musculus]
Official Symbol	CD276
Synonyms	CD276; CD276 antigen; B7-H3; B7 homolog 3; costimulatory molecule; B7h3; B7RP-2; AU016588; 6030411F23Rik;
Gene ID	102657
mRNA Refseq	NM_133983
Protein Refseq	NP_598744

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