

Active Recombinant Mouse CD276 Protein, MlgG2a mFc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD276-2881MAF555 Lot. No. (See product label)

SPECIFICATION

Product Overview	The Alexa Fluor 555 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 555 via amines

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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 TRITC/Cy3 filters.

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 555

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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