

Active Recombinant Mouse CD276 Protein, MlgG2a mFc-tagged, Alexa Fluor 488 conjugated

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

SPECIFICATION

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|-------------------------|---|
| 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

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|------------------------|---|
| Gene Name | Cd276 CD276 antigen [<i>Mus musculus</i>] |
| 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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