

Mouse PD-L1 protein, mutant mouse IgG2a Fc tag (active)

Cat. No. GTX65789-pro

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| Applications | Functional Assay | Package |
| Species | Mouse | 100 µg |

PRODUCT

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| Summary | Non-lytic: Acts as a long lasting fusion protein which only binds to the receptor. Mutations to the complement (C1q) and Fc _γ R I binding sites of the IgGs Fc fragment render the fusion proteins incapable of antibody directed cytotoxicity (ADCC) and complement directed cytotoxicity (CDC). |
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Applications

Application Note

Shows the biological function of the PD-L1 moiety and exerts a prolonged circulating half- life caused by the modified Fc domain.

Properties

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|-------------------|---|
| Form | Lyophilized powder |
| Buffer | Reconstitute with 0.2µm-filtered PBS to 100 µg/ml. Lyophilized from 0.2µm-filtered PBS. |
| Preservative | No preservatives |
| Storage | Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles. |
| Region/Sequence | The extracellular domain of mouse CD274 [B7-H1] (a.a. 19–237) is fused to the N-terminus of the Fc region of a mutant mouse IgG2a. |
| Expression System | CHO cells |
| Purity | ≥98% by SDS-PAGE. |
| Endotoxin | < 0.06 EU/µg |
| Conjugation | Unconjugated |
| Note | For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. |



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