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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Geptanolimab

Cat. No.:	HY-P99639
CAS No.:	2348469-43-0
Target:	PD-1/PD-L1
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Geptanolimab (CBT-501) is a humanized IgG4k monoclonal antibody against programmed death-1 (PD-1). Siplizumab inhibits the binding of PD-L1/L2 to PD-1 through a competitive action. Siplizumab can be used in research of cancer ^[1] .
In Vitro	Geptanolimab (CBT-501) has highly specific binding to PD-1 of human ($K_D=505$ pM) and cynomolgus ($K_D=7.2$ nM) ^[1] . Geptanolimab enhances human T-cell activation in the Mix Lymphocyte Reaction (MLR), increasing release of IL-2 and INF- γ ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	Geptanolimab (ip; once every two weeks, for 6 weeks; mice with MC38 syngeneic tumor models) has anti-tumor activity and tumor inhibition rate reached 83% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Qing Z, et, al. Activity of CBT-501, a novel humanized anti-PD-1 antibody, in a humanized genetically engineered mouse model of colon carcinoma. Journal of Clinical Oncology. 2017;35 (7_suppl):108-108.

Caution: Product has not been fully validated for medical applications. For research use only.

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