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Zuschläge

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- Gefahrgutzuschlag
- Expressversand

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Relatlimab

Cat. No.:	HY-P99156
CAS No.:	1673516-98-7
Target:	LAG-3
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Relatlimab (BMS-986016) is a human monoclonal antibody anti-LAG-3 antibody generated by immunization of transgenic mice bearing human immunoglobulin miniloci with recombinant LAG-3 protein. Relatlimab blocks LAG-3/MHC II interaction with an IC ₅₀ value of 0.67 nM and LAG-3/FGL1 interaction with an IC ₅₀ value of 0.019 nM. Relatlimab can be used in research of cancer ^[1] .
In Vitro	Relatlimab (BMS-986016; 0.001-100 nM) recognizes native LAG-3 and binds to primary activated human and cynomolgus CD4+ T cells with EC ₅₀ values of 0.11 nM and 29.11 nM, respectively ^[1] . ?Relatlimab (0.001-10000 nM; T cells (3A9-hLAG-3)) enhances peptide responsiveness of T-cell hybridoma 3A9-hLAG-3 and reversals LAG-3-mediated inhibition of T-cell hybridoma 3A9-hLAG-3 with an IC ₅₀ value of 1.05 nM ^[1] . ?Relatlimab (0.001-10000 nM; primary T cells) enhances activation of superantigen-stimulated human PBMC cultures and enhances IL-2 secretion ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Thudium K, et, al. Preclinical Characterization of Relatlimab, a Human LAG-3-Blocking Antibody, Alone or in Combination with Nivolumab. Cancer Immunol Res. 2022 Aug 18;CIR-22-0057.

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

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