

Miptenalimab

Cat. No.:	HY-P99736
CAS No.:	2249882-55-9
Target:	LAG-3
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Miptenalimab (BI-754111) is an anti-human LAG-3 antibody (K_D : 88.6 nM for h LAG-3). Miptenalimab blocks the interaction of LAG-3 with its ligand MHC-II ^[1] .
In Vitro	Miptenalimab blocks binding of soluble hLAG-3 to MHC-II-expressing Raji cells (IC_{50} : 2.1 nM) ^[1] . Miptenalimab increases IL-2 secretion of the mouse cell line 3A9-hLAG-3 (EC_{50} : 0.31 nM), and also increases IFN- γ secretion ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Zettl M, et al. Combination of two novel blocking antibodies, anti-PD-1 antibody ezabenlimab (BI 754091) and anti-LAG-3 antibody BI 754111, leads to increased immune cell responses. *Oncoimmunology*. 2022 Jun 16;11(1):2080328.

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

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