



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Izalontamab

Cat. No.:	HY-P99676
CAS No.:	2559704-24-2
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Izalontamab (SI-B001) is a bispecific anti-EGFR/HER3 monoclonal antibody with high selectivity for EGFR/HER3 heterodimer. Izalontamab can be used for the research of cancer <sup>[1]</sup> .	
<b>In Vivo</b>	Izalontamab (5-46 mg/kg; i.v., every 7 days once, 4 doses in total) shows different anti-tumor efficacy in different types of tumors <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Female NOD/SCID mouse with SW48, FaDu and KYSE-150 xenografts <sup>[1]</sup>
	Dosage:	10, 25 and 46 mg/kg (SW48); 5, 10 and 25 mg/kg (FaDu and KYSE-150)
	Administration:	Intravenous injection; 10, 25 and 46 mg/kg (SW48); 5, 10 and 25 mg/kg (FaDu and KYSE-150); every 7 days once, 4 doses in total
	Result:	Dose-dependently inhibited the growth of FaDu and KYSE-150 tumors at the dose of 10 mg/kg. Inhibited 63.6% SW48 tumor growth at the dose of 46 mg/kg.

### REFERENCES

[1]. Xue J, et al. Prediction of Human Pharmacokinetics and Clinical Effective Dose of SI-B001, an EGFR/HER3 Bi-specific Monoclonal Antibody. J Pharm Sci. 2020 Oct;109(10):3172-3180.

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

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