



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Labetuzumab

Cat. No.:	HY-P99160
CAS No.:	219649-07-7
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Labetuzumab is a humanised anti-carcinoembryonic antigen (CEA) monoclonal antibody that inhibits tumour growth and sensitises human medullary thyroid cancer xenografts to Dacarbazine chemotherapy <sup>[1]</sup> .	
IC <sub>50</sub> & Target	CEA <sup>[1]</sup> .	
In Vivo	Labetuzumab (0.5 mg/rat; i.v.; single) inhibits tumor growth in vivo <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Female nu/nu mice (6 to 8-week-old; inject TT cells) <sup>[1]</sup> .
	Dosage:	0.5 mg/rat
	Administration:	Intravenous injection; single (1 day post-tumor cell injection)
	Result:	Significantly delayed growth of tumor, and led to 64%-70% inhibition of tumor size between days 32 and 60.

### REFERENCES

[1]. Stein R, et al. A humanized monoclonal antibody to carcinoembryonic antigen, labetuzumab, inhibits tumor growth and sensitizes human medullary thyroid cancer xenografts to dacarbazine chemotherapy. Mol Cancer Ther. 2004 Dec;3(12):1559-64.

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

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