



# SZABO SCANDIC

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## 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

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## Edrecolomab

Cat. No.:	HY-P99231
CAS No.:	156586-89-9
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Edrecolomab (Panorex) is a murine monoclonal antibody to the cell-surface glycoprotein 17-1A, expressed on epithelial tissues and on various carcinomas. Edrecolomab shows anti-tumor activity and can be used in colorectal carcinoma research <sup>[1][2]</sup> .									
<b>In Vitro</b>	<p>Edrecolomab (0-100 µg/mL; 20 h) shows moderate antibody-dependent cellular cytotoxicity (ADCC)<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Cytotoxicity Assay<sup>[1]</sup></p> <table border="1"> <tr> <td>Cell Line:</td> <td>KATO III cells</td> </tr> <tr> <td>Concentration:</td> <td>0-100 µg/mL</td> </tr> <tr> <td>Incubation Time:</td> <td>20 hours</td> </tr> <tr> <td>Result:</td> <td>Exhibited an ED<sub>50</sub> value&gt;100 ng/ml.</td> </tr> </table>		Cell Line:	KATO III cells	Concentration:	0-100 µg/mL	Incubation Time:	20 hours	Result:	Exhibited an ED <sub>50</sub> value>100 ng/ml.
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<b>In Vivo</b>	<p>Edrecolomab (intravenous injection; 30 µg/dose; day 1, 4 and 7 after tumor-cell inoculation) treatment inhibits tumor growth in the HT-29 nude mouse model<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1"> <tr> <td>Animal Model:</td> <td>Male nu/nu mice injected with HT-29 colon carcinoma cells<sup>[1]</sup></td> </tr> <tr> <td>Dosage:</td> <td>30 µg/dose</td> </tr> <tr> <td>Administration:</td> <td>Intravenous injection; 30 µg/dose; day 1, 4 and 7 after tumor-cell inoculation</td> </tr> <tr> <td>Result:</td> <td>Inhibited tumor growth with a number of significant readings (p≤0.05).</td> </tr> </table>		Animal Model:	Male nu/nu mice injected with HT-29 colon carcinoma cells <sup>[1]</sup>	Dosage:	30 µg/dose	Administration:	Intravenous injection; 30 µg/dose; day 1, 4 and 7 after tumor-cell inoculation	Result:	Inhibited tumor growth with a number of significant readings (p≤0.05).
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### REFERENCES

[1]. Naundorf S, et al. In vitro and in vivo activity of MT201, a fully human monoclonal antibody for pancarcinoma treatment. Int J Cancer. 2002 Jul 1;100(1):101-10.

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[2]. Punt CJ, et al. Edrecolomab alone or in combination with fluorouracil and folinic acid in the adjuvant treatment of stage III colon cancer: a randomised study. Lancet. 2002 Aug 31;360(9334):671-7.

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

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