



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Farletuzumab

Cat. No.:	HY-P99153
CAS No.:	896723-44-7
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Farletuzumab (MORAb-003) is a potent folate receptor-alpha (FR $\alpha$ ) inhibitor. Farletuzumab is a humanized monoclonal antibody with high affinity for FR $\alpha$ . Farletuzumab possesses growth-inhibitory functions on cells overexpressing FR $\alpha$ . Farletuzumab can be used in research of cancer <sup>[1]</sup> .								
<b>In Vitro</b>	<p>Farletuzumab (MORAb-003; 0-10 <math>\mu</math>g/mL; CHO-FR cells) inhibits FR<math>\alpha</math>-dependent cell growth and increases folate EC<sub>50</sub> in a dose-dependent manner<sup>[1]</sup>.</p> <p>Farletuzumab (0.1-100 <math>\mu</math>g/mL; IGROV-1 cells; 1 h) mediates tumor cytotoxicity via complement dependent cytotoxicity (CDC) and antibody-dependent cell-mediated cytotoxicity (ADCC) in vitro<sup>[1]</sup>.</p> <p>Farletuzumab (0-10 <math>\mu</math>g/mL; CHO-FR cells) inhibits phosphorylation of proteins by Lyn kinase, a member of the src family of kinases, thereby, blocking a FR<math>\alpha</math>-mediated signaling pathway<sup>[1]</sup>.</p> <p>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><tr><td>Cell Line:</td><td>IGROV-1 cells</td></tr><tr><td>Concentration:</td><td>0.1, 1, 10, and 100 <math>\mu</math>g/mL</td></tr><tr><td>Incubation Time:</td><td>1 hours</td></tr><tr><td>Result:</td><td>Had significant cytotoxicity at IGROV-1 cells.</td></tr></table>	Cell Line:	IGROV-1 cells	Concentration:	0.1, 1, 10, and 100 $\mu$ g/mL	Incubation Time:	1 hours	Result:	Had significant cytotoxicity at IGROV-1 cells.
Cell Line:	IGROV-1 cells								
Concentration:	0.1, 1, 10, and 100 $\mu$ g/mL								
Incubation Time:	1 hours								
Result:	Had significant cytotoxicity at IGROV-1 cells.								

### REFERENCES

[1]. Ebel W, et, al. Preclinical evaluation of MORAb-003, a humanized monoclonal antibody antagonizing folate receptor-alpha. Cancer Immun. 2007 Mar 9;7:6.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA