



# 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

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## IMAB027

Cat. No.:	HY-P99413
CAS No.:	1650599-68-0
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	IMAB027 (ASP1650) is a specific anti-CLDN6 mAb, while CLDN6 (Claudin 6) is a tight junction membrane protein, aberrantly expressed in various human cancer types, ovarian cancers particularly. IMAB 027 shows anti-tumor activity, and induces apoptosis in CLDN6 <sup>+</sup> ovarian and testicular cancer cell lines <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	CLDN6 <sup>[1]</sup>
<b>In Vitro</b>	IMAB027 specifically binds to CLDN6 rather than other closely related family members, such as Claudins 3, 4, and 9 <sup>[1]</sup> . IMAB027 induces target-selective antibody-dependent cell-mediated cytotoxicity (ADCC) and complement dependent cytotoxicity (CDC) in CLDN6 <sup>+</sup> ovarian and testicular cancer cell lines <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
<b>In Vivo</b>	IMAB027 reduces tumor growth and increases overall survival in xenografted mouse tumors with human CLDN6 <sup>+</sup> cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Türeci Ö, t al. The anti-claudin 6 antibody, IMAB027, induces antibody-dependent cellular and complement-dependent cytotoxicity in claudin 6-expressing cancer cells[J]. Cancer Research, 2018, 78(13\_Supplement): 882-882.

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

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