



# 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

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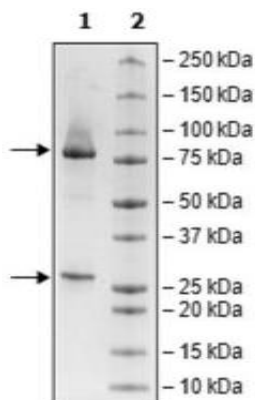


## Product Information

<b>Description:</b>	Anti-FcGR3A-anti-EGFR bispecific IgG antibody, which recognizes FcGR3A (also known as CD16A) and EGFR antigen binding proteins. The amino acid sequences correspond to the sequences from the bispecific EGFR/FcGR3 antigen-binding protein patent WO2019175368A1. This bispecific antibody has been tested for specific binding affinity to purified human FcGR3A and EGFR recombinant protein.
<b>Species:</b>	Human
<b>Clonality:</b>	Comprised of two monoclonal antibodies
<b>Concentration:</b>	3.14 mg/ml
<b>Expression System:</b>	HEK293
<b>Purity:</b>	≥90%
<b>Format:</b>	Aqueous buffer solution.
<b>Formulated In:</b>	8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol
<b>MW:</b>	Heavy Chain: 76 kDa; Light Chain: 23 kDa + glycans
<b>Glycosylation:</b>	This antibody runs at a higher MW by SDS-PAGE due to glycosylation.
<b>Stability:</b>	At least 12 months at -80°C.
<b>Storage:</b>	-80°C
<b>Instructions for Use:</b>	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
<b>Assay Conditions:</b>	Functional validation: The antibody was validated by measuring anti-FcGR3A-anti-EGFR binding to FcGR3A and EGFR antigens in ELISA assay. The FcGR3A protein (BPS Bioscience #79013) and EGFR protein were coated onto a 96-well plate overnight at 4°C (50 µl/well at a concentration of 2 µg/ml in PBS). The plate was washed 3 times with Immuno Buffer 1 (BPS Bioscience #79311) and blocked using 100 µl of Blocking Buffer 2 (BPS Bioscience #79728) for 1 hour at room temperature. After removing the blocking buffer, 50 µl/well of purified anti-FcGR3A-anti-EGFR antibody (BPS Bioscience #101535), serially diluted in Blocking Buffer 2, was added for 30 minutes at room temperature. After 3 more washes, the plate was incubated with Goat Anti-Human IgG Fc (HRP) (Abcam #ab97225), washed, and incubated with the Colorimetric HRP substrate. The reaction was stopped, and absorbance was read at 450 nm. The Blank value was subtracted from all values.
<b>Applications:</b>	Useful for studying the binding of FcGR3A and EGFR in ELISA and in cellular assays.

## Quality Control Data

## 4-20% SDS-PAGE Coomassie Staining



## Binding Assay

