



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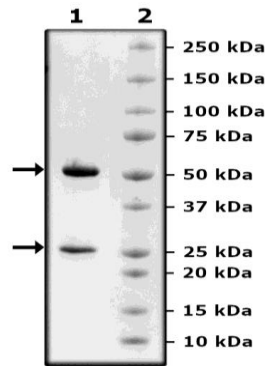
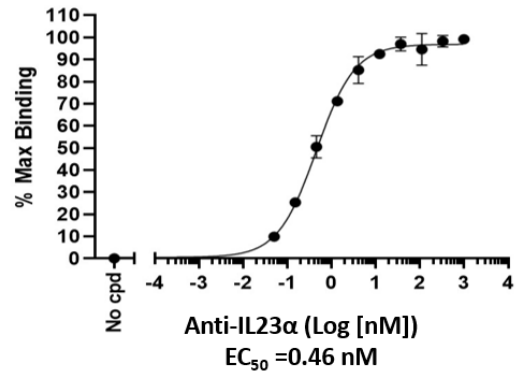
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Information

Description:	This purified recombinant monoclonal antibody is a human anti-IL23 α that selectively binds to the p19 subunit of heterodimeric IL-23, which is composed of p19 and IL-12 p40. The variable regions for this antibody are based on an FDA-approved drug Skyrizi [®] (risankizumab-rzaa), sold by AbbVie. This antibody has been tested for specific binding affinity to IL23 α /IL12 β antigen.
Species:	Human
Concentration:	1.48 mg/ml
Expression System:	HEK293
Purity:	$\geq 90\%$
Format:	Aqueous buffer solution.
Formulated In:	8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol
MW:	Heavy Chain: 49 kDa; Light Chain: 24 kDa
Aggregation:	$< 10\%$
Stability:	At least 6 months at -80°C .
Storage:	-80°C
Instructions for Use:	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.
Assay Conditions:	Functional validation: The antibody was validated by measuring anti-IL23 α binding to IL23 α /IL12 β antigen (Acro Biosystems #ILB-H52W5) in ELISA assay. The IL23 α /IL12 β protein was coated onto a 96-well plate overnight at 4°C ($50\ \mu\text{l}/\text{well}$ at a concentration of $6\ \mu\text{g}/\text{ml}$ in PBS). The plate was washed 3 times with Immuno Buffer 1 (BPS Bioscience #79311) and blocked using $100\ \mu\text{l}$ of Blocking Buffer 2 (BPS Bioscience #79728) for 1 hour at room temperature. After removing the blocking buffer, $50\ \mu\text{l}/\text{well}$ of purified anti-IL23 α antibody (BPS Bioscience #101453), serially diluted in Blocking Buffer 2, was added for 60 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 Colorimetric HRP substrate. The reaction was stopped, and absorbance was read at 450 nm. The Blank value was subtracted from all values.
Applications:	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining

IL23 α /IL12 β :Anti IL23 α Activity

Quality Control Data

Gel Filtration Curve

