



# 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

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## Anti-BMP receptor type IA [AbD1556] Standard Size Ab00426-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted mouse IgG2a Fc Silent™ antibody, based on the original mouse Fab format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Lambda

**Clone Number:** AbD1556

**Alternative Name(s) of Target:** BMPR-IA

**UniProt Accession Number of Target Protein:** P36894

**Published Application(s):** Blocking, SPR, ELISA

**Published Species Reactivity:** Human

**Immunogen:** Biotinylated BMPR-IA immobilized on a resin.

**Specificity:** The antibody binds to human BMPR-IA with a low nanomolar affinity.

**Application Notes:** This antibody binds to human BMPR-1A, which, on ligand binding, forms a receptor complex acting as a serine/threonine kinase, activating SMAD transcriptional regulators. They positively regulate chondrocyte differentiation, for example. The antibody neutralizes BMP-binding to the receptor.

**Antibody First Published in:** Harth et al. A selection fit mechanism in BMP receptor IA as a possible source for BMP ligand-receptor promiscuity. PLOS One 2010; 5(9): e13049 [PMID:20927405](#)

**Note on publication:** Describes the generation of several anti BMPR-IA antibodies and subsequent crystallisation as well as binding studies.

### Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:**

1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.