



# 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-Blood group A antigen [AC1001] Standard Size Ab04235-23.0

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** AC1001

**Alternative Name(s) of Target:** AC-1001

**UniProt Accession Number of Target Protein:**

**Published Application(s):** crystallization, Hemagglutination assay, Quantitative precipitin assay, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was produced by immunizing mice with A<sub>1</sub> erythrocytes and with blood group A substance.

**Specificity:** This antibody is specific for blood group antigen A.

**Application Notes:** This antibody was used in a quantitative precipitin assay, a hemagglutination assay (HA), inhibition assays (by ELISA). In the HA with human erythrocytes, the antibody reacted with the A<sub>1</sub> and A<sub>2</sub> subtypes (showing double the sensitivity towards the A<sub>1</sub> subtype) (Chen and Kabat, 1985; PMID: 2414276). The structure of the scFv version of this antibody was determined via crystallization (Thomas et al., 2002; PMID: 11679577).

**Antibody First Published in:** Chen and Kabat. Immunochemical studies on blood groups. The combining site specificities of mouse monoclonal hybridoma anti-A and anti-B J Biol Chem. 1985 Oct 25;260(24):13208-17 [PMID:2414276](#)

**Note on publication:** The original publication explores the specificities of mouse monoclonal hybridoma antibodies targeting blood group A and B antigens.

### 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.