



# 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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## Anti-Glycophorin A M antigen [M2A1] Standard Size Ab00789-10.0

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** M2A1

**Alternative Name(s) of Target:** M sialoglycoprotein; PAS-2; CD235a

**UniProt Accession Number of Target Protein:** P02724

**Published Application(s):** immunoblot, inhibition assay, ELISA

**Published Species Reactivity:** Human

**Immunogen:** M2A1 was prepared by immunizing BALB/c mice with human red blood cells of the M phenotype, and was screened by testing for anti-M activity.

**Specificity:** M2A1 binds specifically to the M antigen on human erythrocytes, and shows no reactivity to N antigen. The epitope for this antibody includes the amino-terminal serine residue and sialic acid residues of glycophorin A. The reactivity of M2A1 for M antigen is pH- and salt-dependent (optimum ~ pH8-9). Blood group antigen M is located on the major sialoglycoprotein (glycophorin A) of red blood cells.

**Application Notes:** M2A1 can bind to M antigen of glycophorin A and can be used in ELISAs, immunoblots and modified M glycoprotein can be used for inhibition tests.

**Antibody First Published in:** Jaskiewicz et al. Characterization of the epitope recognized by a monoclonal antibody highly specific for blood group M antigen. Transfusion. 1990 Mar-Apr;30(3):230-5. [PMID:1690467](#)

**Note on publication:** Describes the generation and characterization of M2A1 antibody against M antigen.

### Product Form

**Size:** 200 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.