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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

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

Datasheet

CD46 monoclonal antibody, clone PAT2G9AT

Catalog Number: MAB23643

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against synthetic peptide of human CD46, clone PAT2G9AT.

Clone Name: PAT2G9AT

Immunogen: A synthetic peptide corresponding to amino acids 35-313 of human CD46 purified from *Escherichia Coli*.

Host: Mouse

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: protein-A affinity chromatography

Isotype: Mouse IgG2a heavy chain and kappa light chain

Recommend Usage: Western Blot

ELISA

Recommended starting dilution is 1:1000.

Storage Buffer: In PBS, pH 7.4, 10% glycerol and 0.02% Sodium Azide

Storage Instruction: Store at 4°C for 1 month.
After reconstitution with 1 mL of deionized water, store at -20°C for 12 months.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4179

Gene Symbol: CD46

Gene Alias: MCP, MGC26544, MIC10, TLX, TRA2.10

Gene Summary: The protein encoded by this gene is a type I membrane protein and is a regulatory part of the

complement system. The encoded protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which protects the host cell from damage by complement. In addition, the encoded protein can act as a receptor for the Edmonston strain of measles virus, human herpesvirus-6, and type IV pili of pathogenic *Neisseria*. Finally, the protein encoded by this gene may be involved in the fusion of the spermatozoa with the oocyte during fertilization. This gene is found in a cluster on chromosome 1q32 with other genes encoding structural components of the complement system. At least fourteen different transcript variants encoding fourteen different isoforms have been found for this gene. [provided by RefSeq]