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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



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

PSME1 recombinant monoclonal antibody, clone R03-1R2

Catalog Number: RAB05266

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human PSME1.

Clone Name: R03-1R2

Immunogen: Original antibody is raised against recombinant protein corresponding to human PSME1

Theoretical MW (kDa): Calculated MW: 29 kD

Antibody Species: Rabbit

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

Form: Liquid

Purification: Affinity purification

Isotype: IgG

Recommend Usage: Immunofluorescence (1/50-1/200)

Immunoprecipitation (1/20)

Western Blot (1/500-1/1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5720

Gene Symbol: PSME1

Gene Alias: IFI5111, MGC8628, PA28A, PA28alpha, REGalpha

Gene Summary: The 26S proteasome is a multicatalytic

proteasome complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. The immunoproteasome contains an alternate regulator, referred to as the 11S regulator or PA28, that replaces the 19S regulator. Three subunits (alpha, beta and gamma) of the 11S regulator have been identified. This gene encodes the alpha subunit of the 11S regulator, one of the two 11S subunits that is induced by gamma-interferon. Three alpha and three beta subunits combine to form a heterohexameric ring. Two transcripts encoding different isoforms have been identified. [provided by RefSeq]