



# 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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**PRG2 purified MaxPab mouse polyclonal antibody (B01P)** MaxPab®

Catalog # : H00005553-B01P

規格 : [ 50 ug ]

List All

**Specification**

**Product Description:** Mouse polyclonal antibody raised against a full-length human PRG2 protein.

**Immunogen:** PRG2 (AAH05929.1, 1 a.a. ~ 222 a.a) full-length human protein.

**Sequence:**  
 MKLPLLLALLFGAVSALHLRSETSTFETPLGAKTQPEDEETPEQEMEET  
 PCRELEEEEEWGSSEDASKKDGAVESISVPDMVDKNLTCPEEEDTVKV  
 VGIPGCQTCRYLLVRSQTFSQAWFTCRRCYRGNLVSIHNFNINYRIQCS  
 VSALNQGQVWIGGRITGSGRCRRFQWVDGSRWNFAYWAAHQPSRG  
 GHCVALCTRGGYWRRRAHCLRRLPFICSY

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

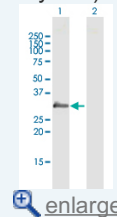
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

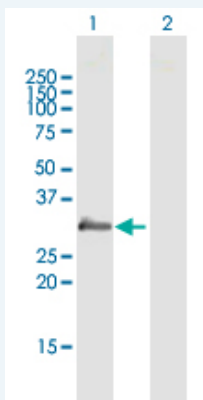
**Application Image**

Western Blot (Transfected lysate)



**Applications**

**Western Blot (Transfected lysate)**



Western Blot analysis of PRG2 expression in transfected 293T cell line (H00005553-T01) by PRG2 MaxPab polyclonal antibody.

Lane 1: PRG2 transfected lysate(24.53 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

**Gene Information**

Entrez GeneID: [5553](#)

GeneBank  
Accession#: [BC005929](#)

Protein  
Accession#: [AAH05929.1](#)

Gene Name: PRG2

Gene Alias: BMPG,MBP,MBP1,MGC14537

Gene  
Description: proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein)

Omim ID: [605601](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is the predominant constituent of the crystalline core of the eosinophil granule. High levels of the proform of this protein are also present in placenta and pregnancy serum, where it exists as a complex with several other proteins including pregnancy-associated plasma protein A (PAPP), angiotensinogen (AGT), and C3dg. This protein may be involved in antiparasitic defense mechanisms as a cytotoxin and helminthotoxin, and in immune hypersensitivity reactions. It is directly implicated in epithelial cell damage, exfoliation, and bronchospasm in allergic diseases. [provided by RefSeq]

**Other Designations:** bone-marrow proteoglycan,eosinophil granule major basic protein,eosinophil major basic protein,natural killer cell activator,proteoglycan 2,proteoglycan 2 preproprotein

#### Gene Pathway

[Asthma](#)