



# 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

Quellenstraße 110, A-1100 Wien

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

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

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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



**PTGDR purified MaxPab mouse polyclonal antibody (B01P)** MaxPab®

Catalog # : H00005729-B01P

規格 : [ 50 ug ]

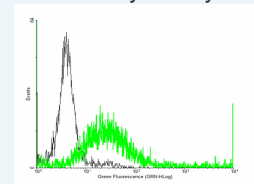
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**Specification**

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human PTGDR protein.
<b>Immunogen:</b>	PTGDR (AAH40968, 1 a.a. ~ 359 a.a) full-length human protein.
<b>Sequence:</b>	MKSPFYRCQNTTSVEKGN SAVMGGVLFSTGLLG NLLALG LLARSGLGW CSRRPLRPLPSVFYMLVCGLTVTDLLGKCLLSPVLAAYAQNRSRLVLA PALDNSLCQAF AFFMSFFGLSSTLQLLAMALECWLSLGHPPFYRRHITL RLGALVAPVVSFAFLAFCALPFMGFGKFVQYCPGTWCFIQMVHEEGSL SVLGYSVLYSSLMALLVLATVLCNLGAMRNLYAMHRR LQRHPRSTRDC AEPRADGREASQPLEELDHL LLLALMTVLF TMCSLPVIYRAYYGAFKDV KEKNRTSEEAEDLRALRFLSVISIDPWIF IIFRSPVFRIF FHKIFIRPLRYRS RCSNSTNMESSL
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

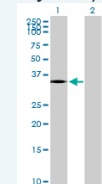
**Application Image**

**Flow Cytometry**



 [enlarge](#)

**Western Blot (Transfected lysate)**



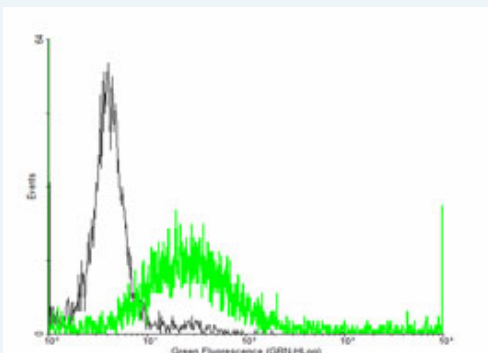
 [enlarge](#)


**Publication Reference**

1. Neurodegenerative diseases and methods of modeling.  
Eggen K, Digiorgio FP. United States Patent Application. 2015 Nov. US9180114.

**Applications**

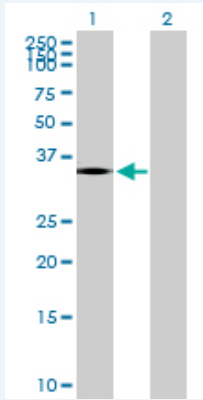
**Flow Cytometry**



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FACS analysis of negative control 293 cells (Black) and PTGDR expressing 293 cells (Green) using PTGDR purified MaxPab mouse polyclonal antibody.

## Western Blot (Transfected lysate)



Western Blot analysis of PTGDR expression in transfected 293T cell line (H00005729-T01) by PTGDR MaxPab polyclonal antibody.

Lane 1: PTGDR transfected lysate (39.6 kDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [5729](#)

**GeneBank** [BC040968](#)

**Accession#:**

**Protein** [AAH40968](#)

**Accession#:**

**Gene Name:** PTGDR

**Gene Alias:** AS1, ASRT1, DP, DP1, MGC49004

**Gene** prostaglandin D2 receptor (DP)

**Description:**

**Omim ID:** [604687](#), [607277](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a G-protein-coupled receptor. It has been shown to function as a prostanoid DP receptor. The activity of this receptor is mainly mediated by G-S proteins that stimulate adenylate cyclase resulting in an elevation of intracellular cAMP and Ca<sup>2+</sup>. Knockout studies in mice suggest that the ligand of this receptor, prostaglandin D2 (PGD<sub>2</sub>), functions as a mast cell-derived mediator to trigger asthmatic responses. [provided by RefSeq]

**Other** PGD receptor, prostaglandin D2 receptor, prostanoid DP receptor

**Designations:**

## Gene Pathway

[Neuroactive ligand-receptor interaction](#)

## Related Disease

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