



SZABO SCANDIC

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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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PTGIR monoclonal antibody (M01), clone 4B10

Catalog # : H00005739-M01

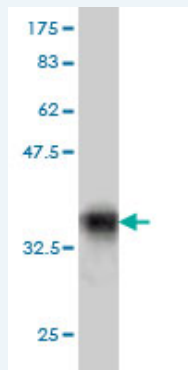
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant PTGIR.
Immunogen:	PTGIR (NP_000951, 296 a.a. ~ 386 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	RKAVFQRLKLWVCCLCLGPAHGDSQTPLSQLASGRRDPRAPSPVVGK EGSCVPLSAWGEQGQVEPLPPTQQSSGSAVGTSSKAEASVACSLC
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.75 KDa) .

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](#)

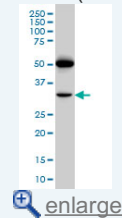
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

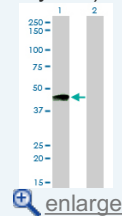
Application Image

Western Blot (Cell lysate)



[enlarge](#)

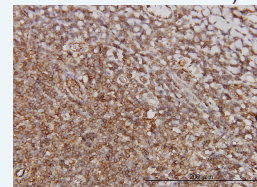
Western Blot (Transfected lysate)



[enlarge](#)

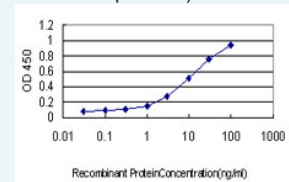
Western Blot (Recombinant protein)

Immunohistochemistry
(Formalin/PFA-fixed paraffin-embedded sections)



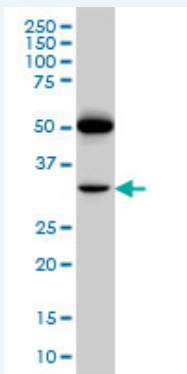
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

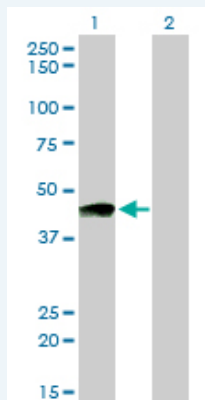
ELISA



PTGIR monoclonal antibody (M01), clone 4B10 Western Blot analysis of PTGIR expression in A-549 (Cat # L025V1).

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of PTGIR expression in transfected 293T cell line by PTGIR monoclonal antibody (M01), clone 4B10.

Lane 1: PTGIR transfected lysate(41 KDa).

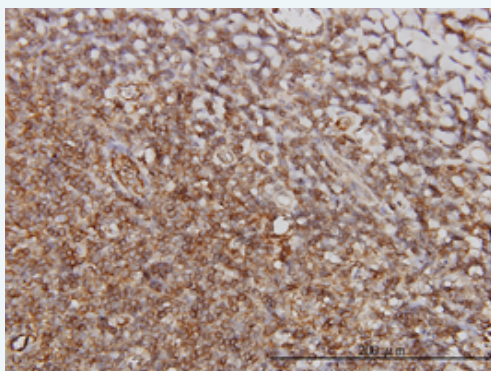
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

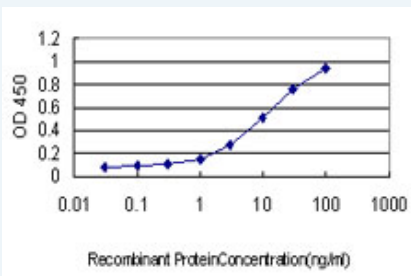


[enlarge this image](#)


Immunoperoxidase of monoclonal antibody to PTGIR on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged PTGIR is approximately 0.1ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5739](#)

GeneBank [NM_000960](#)

Accession#:

Protein [NP_000951](#)

Accession#:

Gene Name: PTGIR

Gene Alias: IP,MGC102830,PRIPR

Gene Description: prostaglandin I2 (prostacyclin) receptor (IP)

Omim ID: [600022](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the G-protein coupled receptor family 1 and has been shown to be a receptor for prostacyclin. Prostacyclin, the major product of cyclooxygenase in macrovascular endothelium, elicits a potent vasodilation and inhibition of platelet aggregation through binding to this receptor. [provided by RefSeq]

Other Designations: PGI receptor,prostacyclin receptor,prostanoid IP receptor

Gene Pathway

[Neuroactive ligand-receptor interaction](#) [Vascular smooth muscle contraction](#)

Related Disease

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[Metabolic Syndrome X](#) [NARP](#) [Neoplasms](#) [Osteoporosis](#) [Venous Thrombosis](#)