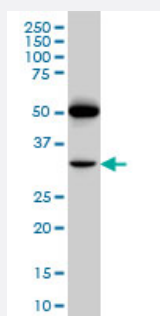


PTGIR monoclonal antibody (M01), clone 4B10

Catalog # H00005739-M01

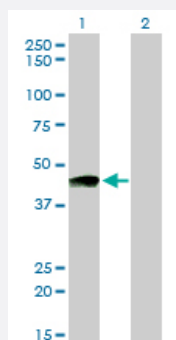
Size 100 ug

Applications



Western Blot (Cell lysate)

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

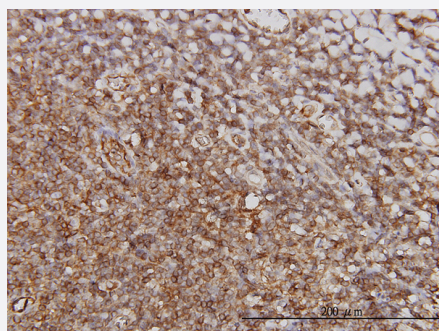


Western Blot (Transfected lysate)

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.

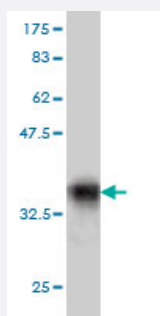
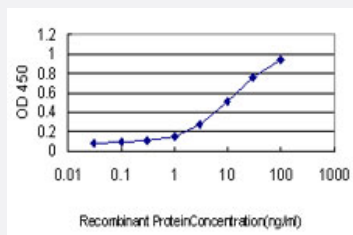


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (35.75 KDa) .

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	RKAVFQRLKLWVCCLCLGPAHGDSQTPLSQLASGRRDPRAPSPAPVGKEGSCVPLSAWGEGQV EPLPPTQQSSGSAGVTSSKAEASVACSLC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (62); Rat (61)
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.

Applications

- Western Blot (Cell lysate)

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)

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 Info — PTGIR

Entrez GeneID	5739
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GeneBank Accession#	NM_000960
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Protein Accession#	NP_000951
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Gene Name	PTGIR
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Gene Alias	IP, MGC102830, PRIPR
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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

Pathway

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

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hyperplasia](#)
- [Metabolic Syndrome X](#)
- [NARP](#)
- [Neoplasms](#)
- [Osteoporosis](#)

- [Venous Thrombosis](#)