

Datasheet for ABIN562512

anti-Prostacyclin Receptor antibody (AA 296-386)**5** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Prostacyclin Receptor (PTGIR)
Binding Specificity:	AA 296-386
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Prostacyclin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	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:	RKAVFQRLKL WVCCLCLGPA HGDSQTPLSQ LASGRRDPRA PSAPVGKEGS CVPLSAWGEG QVEPLPPTQQ SSGSAVGTSS KAEASVACSL C
Clone:	4B10
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Prostacyclin Receptor (PTGIR)
Alternative Name:	PTGIR (PTGIR Products)
Background:	Full Gene Name: prostaglandin I2 (prostacyclin) receptor (IP) Synonyms: IP,MGC102830,PRIPR
Gene ID:	5739
NCBI Accession:	NM_000960
Pathways:	cAMP Metabolic Process , Platelet-derived growth Factor Receptor Signaling , Thromboxane A2 Receptor Signaling

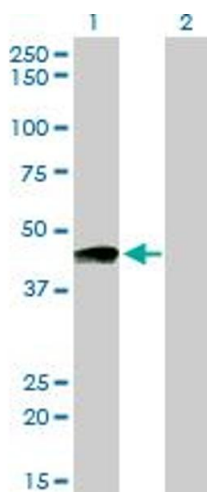
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

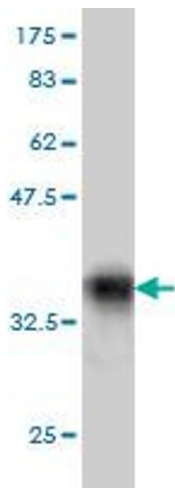


Western Blotting

Image 1. Western Blot analysis of PTGIR expression in transfected 293T cell line by PTGIR monoclonal antibody (M01), clone 4B10.

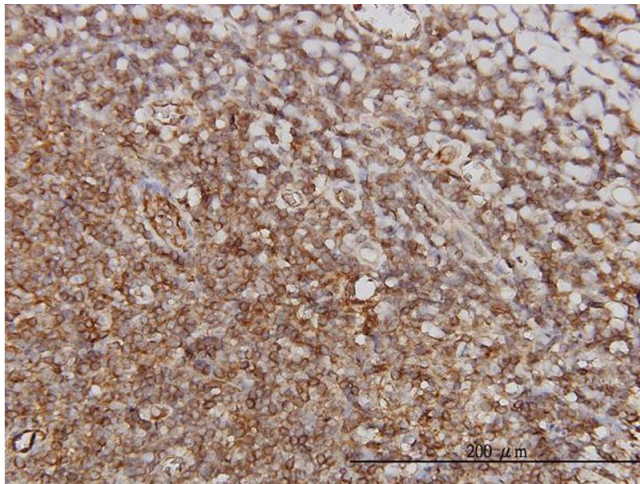
Lane 1: PTGIR transfected lysate(41 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. Western Blot detection against Immunogen (35.75 KDa).



Immunostaining

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

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN562512.