Datasheet for ABIN1535983

anti-Prostacyclin Receptor antibody (AA 198-247)

2 Images

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Overview

Quantity:	100 µg
Target:	Prostacyclin Receptor (PTGIR)
Binding Specificity:	AA 198-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prostacyclin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Prostacyclin Receptor.
Isotype:	IgG
Specificity:	Prostacyclin Receptor Antibody detects endogenous levels of total Prostacyclin Receptor protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Prostacyclin Receptor (PTGIR)

Target Details

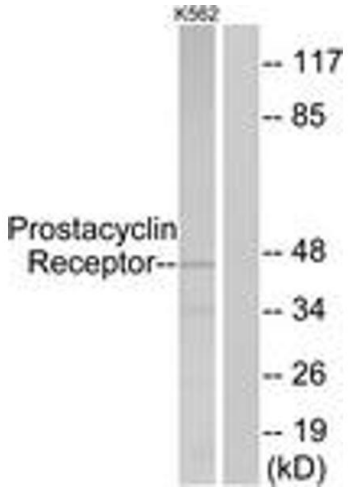
Alternative Name:	Prostacyclin Receptor (PTGIR Products)
Background:	Synonyms: Prostanoid IP receptor, PGI receptor, Prostaglandin I2 receptor NCBI Gene Symbol: PTGIR
Molecular Weight:	40 kDa
Gene ID:	5739
OMIM:	600022
UniProt:	P43119
Pathways:	cAMP Metabolic Process, Platelet-derived growth Factor Receptor Signaling, Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.458324 (NCBI Gene Symbol: PTGIR)
Restrictions:	For Research Use only

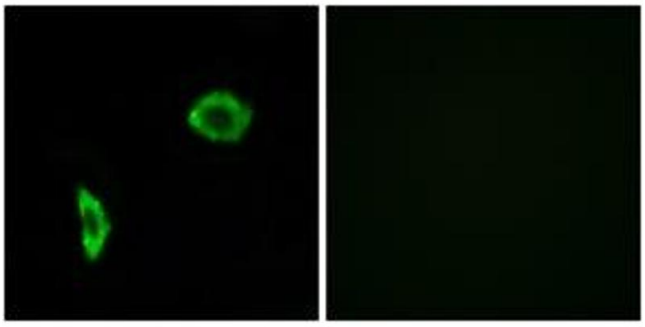
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from K562 cells, using Prostacyclin Receptor Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of LOVO cells, using Prostacyclin Receptor Antibody. The picture on the right is treated with the synthesized peptide.