

## Datasheet

### PTGIR monoclonal antibody (M01), clone 4B10

**Catalog Number:** H00005739-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant PTGIR.

**Clone Name:** 4B10

**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:**

RKAVFQRLKLWVCCCLCLGPAHGDSQTPLSQLASGRR  
DPRAPSAPVGKEGSCVPLSAWGEGQVEPLPPTQQSS  
GSAVGTSSKAEASVACSLC

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5739

**Gene Symbol:** PTGIR

**Gene Alias:** IP, MGC102830, PRIPR

**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]