

PTGEs Antibody FITC Conjugated

Catalog No: #C03775F

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | PTGEs Antibody FITC Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | IF |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | KLH conjugated synthetic peptide aa 125-150 152 derived from human PTGEs |
| Conjugates | FITC |
| Target Name | PTGEs |
| Other Names | PGES; MPGES; PIG12; PP102; PP1294; MGST-IV; MGST1L1; TP53I12; mPGES-1; MGST1-L1; Prostaglandin E synthase; Microsomal glutathione S-transferase 1-like 1; Microsomal prostaglandin E synthase 1; p53-induced gene 12 protein; PTGES; MPGES1 |
| Accession No. | Swiss-Prot#O14684NCBI Gene ID9536 |
| Uniprot | O14684 |
| GeneID | 9536; |
| Excitation Emission | 494nm 518nm |
| Cell Localization | Helical |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

Application Details

IF=1:50-200

Background

Prostaglandin E synthase catalyses conversion of COX derived PGH₂ to PGE₂. It is a member of the MAPEG family. It may contribute to the pathogenesis of collagen induced arthritis and mediate acute pain during inflammatory responses. The protein encoded by this gene is a glutathione-dependent prostaglandin E synthase. The expression of this gene has been shown to be induced by proinflammatory cytokine interleukin 1 beta (IL1B). Its expression can also be induced by tumor suppressor protein TP53, and may be involved in TP53 induced apoptosis. Knockout studies in mice suggest that this gene may contribute to the pathogenesis of collagen-induced arthritis and mediate acute pain during inflammatory responses.

Note: This product is for in vitro research use only