

PTGES2 rabbit monoclonal antibody

Catalog # H00080142-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PTGES2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PTGES2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PTGES2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PTGES2

Entrez GeneID	80142
GeneBank Accession#	PTGES2
Gene Name	PTGES2
Gene Alias	C9orf15, FLJ14038, GBF1, MGC11289, PGES2, mPGES-2
Gene Description	prostaglandin E synthase 2
Omim ID	608152
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a membrane-associated prostaglandin E synthase, which catalyzes the conversion of prostaglandin H2 to prostaglandin E2. This protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE). Multiple transcript variants have been found for this gene. [provided by RefSeq]
Other Designations	GATE-binding factor 1 OTTHUMP00000022231 gamma-interferon-activated transcriptional element-binding factor 1 membrane-associated prostaglandin E synthase 2 microsomal prostaglandin E synthase-2

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)

- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)