

PGD polyclonal antibody (A01)

Catalog # H00005226-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant PGD.
Immunogen	PGD (AAH00368, 1 a.a. ~ 483 a.a) full-length recombinant protein with GST tag.
Sequence	MAQADIALIGLAVMGQNLILNMNDHGFVVCAFNRTVSKVDDFLANEAKGTKVVGAQSLKEMVSKL KKPRRIILLVKAGQAVDDFIEKLVPLLDTGDIIDGGNSEYRDTTRRCRDLKAKGILFVGSGVSGGEE GARYGPSLMPGGNKEAWPHIKTIFQGIAAKVGTGEPCCDWVGDEGAGHFVKMVHNGIEYGDMQL ICEAYHLMKDVLGMAQDEMAQAFEDWNKTELDNFLIEITANILKFQD TDGKHLLPKIRDSAGQKGT GKWTASALEYGVPTLIGEAVFARCLSSLKDERIQASKKLKGPQKFQFDGDKKSFLDIRKALYA SKIISYAQGFMLLRQAATEFGWTLNYGGIALMWRGGCIIRSVFLGKIKDAFDRNPQLNLLDDFFK SAVENCQDSWRRRAVSTGVQAGIPMPCFTTALSFYDGYRHEMLPASLIQAQRDYFGAHTYELLA KP GQFIHTNWTGHGGTVSSSSYNA
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — PGD

Entrez GeneID	5226
GeneBank Accession#	BC000368
Protein Accession#	AAH00368

Gene Name	PGD
Gene Alias	6PGD
Gene Description	phosphogluconate dehydrogenase
Omim ID	172200
Gene Ontology	Hyperlink
Gene Summary	6-phosphogluconate dehydrogenase is the second dehydrogenase in the pentose phosphate shunt. Deficiency of this enzyme is generally asymptomatic, and the inheritance of this disorder is autosomal dominant. Hemolysis results from combined deficiency of 6-phosphogluconate dehydrogenase and 6-phosphogluconolactonase suggesting a synergism of the two enzymopathies. [provided by RefSeq]
Other Designations	6-phosphogluconate dehydrogenase

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of plant hormones](#)
- [Glutathione metabolism](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)

Disease

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Liver Neoplasms](#)