

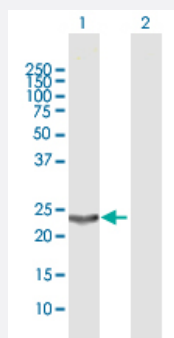
MaxPab®

PGDS purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00027306-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PGDS expression in transfected 293T cell line ([H00027306-T01](#)) by PGDS MaxPab polyclonal antibody.

Lane 1: PGDS transfected lysate(21.89 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PGDS protein.
Immunogen	PGDS (NP_055300.1, 1 a.a. ~ 199 a.a) full-length human protein.
Sequence	MPNYKLTYNMRGRAEIIIRYIFAYLDIQYEDHRIEQADWPEIKSTLPFGKIPILEVDGLTLHQSLAIARYL TKNTDLAGNTEMEQCHVDAIVDTLDDFMSCFPWAEKKQDVKEQMFNELLTYNAPHLMQDLDTYL GGREWLIGNSVTWADFWEICSTLLVFKPDLLDNHPRLVTLRKKVQAIPAVANWIKRRPQTKL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — PGDS

Entrez GeneID [27306](#)

GeneBank Accession# [NM_014485.2](#)

Protein Accession# [NP_055300.1](#)

Gene Name PGDS

Gene Alias -

Gene Description prostaglandin D2 synthase, hematopoietic

Omim ID [602598](#)

Gene Ontology [Hyperlink](#)

Gene Summary Prostaglandin-D synthase is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH2 to PGD2 and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes. [provided by RefSeq]

Other Designations hematopoietic prostaglandin D2 synthase|prostaglandin-D synthase

Pathway

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

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)