

anti-Human Phosphogluconate Dehydrogenase Monoclonal Antibody | anti-PGD antibody

Mouse Anti Human Phosphogluconate Dehydrogenase

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39129	Mouse Anti Human Monoclonal	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

Phosphogluconate Dehydrogenase; Monoclonal Antibody; Mouse Anti Human Phosphogluconate Dehydrogenase; PGD Antibody; EC 1.1.1.44; 6PGD; PGDH; 6-phosphogluconate dehydrogenase decarboxylating; PGD; Mouse Anti Human; anti-PGD antibody

PRODUCT SPECIFICATIONS

Host	Mouse Anti Human Monoclonal
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 _{2b} heavy chain an k light chain
Clone Number	PAT46B3AT
Purity/Purification	Antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
Form/Format	Sterile filtered colorless solution. 1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Sequence Length	246
Applicable Applications for anti-PGD antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen	Anti-human PGD mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human PGD amino acids 1-483 purified from E Coli.
Preparation and Storage	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-PGD antibody	6PGD is the second dehydrogenase in the pentose phosphate shunt. Pentose is necessary for nucleic acid biosynthesis. The pentose phosphate cycle is a major source of NADPH 6PGD deficiency is usually asymptomatic, and the inheritance of this disorder is autosomal dominant. PGD deficiency raises the erythrocyte pyruvate kinase levels of activity and decreases glutathione synthetase, resulting in hemolysis.
Product Categories/Family for anti-PGD antibody	Monoclonal Antibodies ; Anti-Human Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	194203322
NCBI Official Full Name	phosphogluconate dehydrogenase
UniProt Protein Name	Phosphogluconate dehydrogenase
UniProt Gene Name	Pgd

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/phosphogluconate-dehydrogenase-antibody-clone-pat46b3at-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/39129>