

PGD

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 53kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human PGD

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

6PGD;

Catalog #: A7710

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5226

Isotype: IgG

Swiss Prot: P52209

Purity: Affinity purification

For research use only.

Background:

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. Several transcript variants encoding different isoforms have been found for this gene.

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