

## 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.

*To place an order, please [Click HERE](#).*