

## Glucose 6 Phosphate Dehydrogenase Rabbit pAb

db21086

Package : 20µL 50µL 100µL

**Product Name** : Glucose 6 Phosphate Dehydrogenase Rabbit pAb**Cat.No.:** db21086**Synonyms** : G6PD1**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes glucose-6-phosphate dehydrogenase. This protein is a cytosolic enzyme encoded by a housekeeping X-linked gene whose main function is to produce NADPH, a key electron donor in the defense against oxidizing agents and in reductive biosynthetic reactions. G6PD is remarkable for its genetic diversity. Many variants of G6PD, mostly produced from missense mutations, have been described with wide ranging levels of enzyme activity and associated clinical symptoms. G6PD deficiency may cause neonatal jaundice, acute hemolysis, or severe chronic non-spherocytic hemolytic anemia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Glucose 6 Phosphate Dehydrogenase

**Gene ID**

2539

**Swiss Prot**

P11413

**Synonyms**

G6PD1

**Reactivity**

Human

**Application**

WB, IHC, ICC/IF, FC

**Recommended dilution**

WB: 1:1000

IHC: 1:20

ICC/IF: 1:20

FC: 1:20

**Calculated MW**

59 kDa

**Observed MW**

59 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

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