

## GLUCOSE 6 PHOSPHATE DEHYDROGENASE RABBIT MAB

**Cat.#:** N263345

**Product Name:** Anti-Glucose 6 Phosphate Dehydrogenase Rabbit Monoclonal Antibody

**Synonyms:** G6PD; Glucose-6-phosphate 1-dehydrogenase; G6PD

**UNIPROT ID:** P11413

**Background:** Catalyzes the rate-limiting step of the oxidative pentose-phosphate pathway, which represents a route for the dissimilation of carbohydrates besides glycolysis. The main function of this enzyme is to provide reducing power (NADPH) and pentose phosphates for fatty acid and nucleic acid synthesis.

**Immunogen:** A synthetic peptide of human Glucose 6 Phosphate Dehydrogenase

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R03-1F3

**MW:** Calculated MW: 59 kDa; Observed MW: 59 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

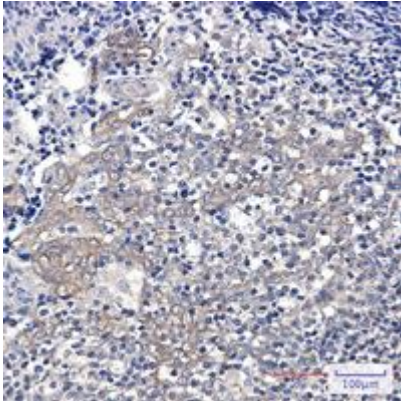
**Conjugation:** Unconjugated

**Modification:** Unmodified

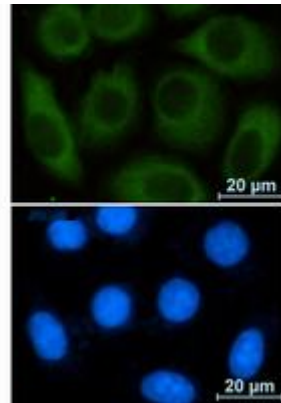
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

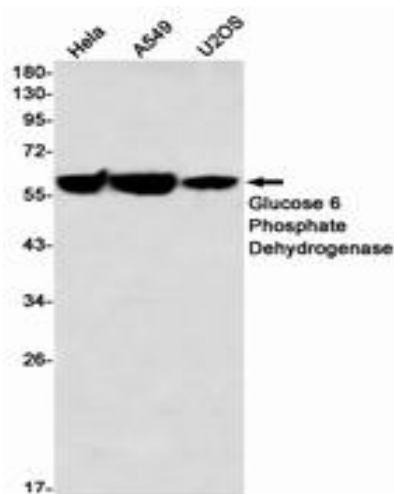
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Glucose 6 Phosphate Dehydrogenase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of Glucose 6 Phosphate Dehydrogenase (green) in A549 using Glucose 6 Phosphate Dehydrogenase antibody, and DAPI (blue).



Western blot analysis of Glucose 6 Phosphate Dehydrogenase in HeLa, A549, U2OS lysates using Glucose 6 Phosphate Dehydrogenase antibody.