

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

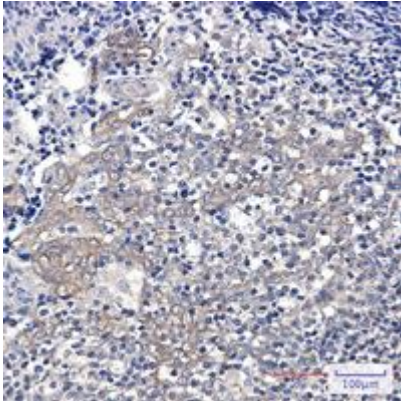
Conjugation: Unconjugated

Modification: Unmodified

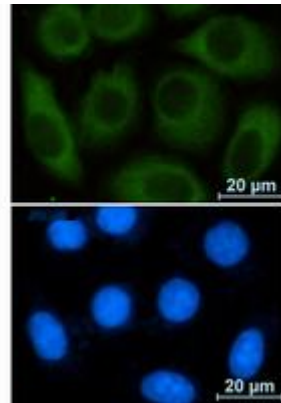
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

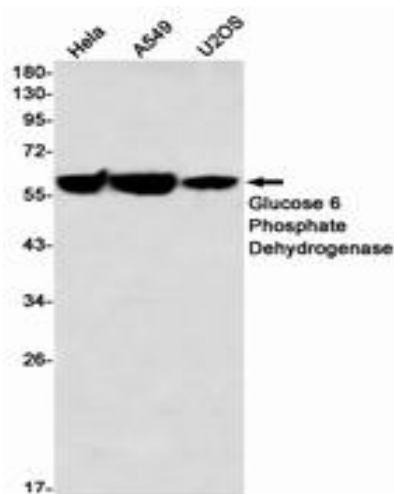
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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.