

**Product Name: Glucose 6 Phosphate Dehydrogenase
Rabbit Monoclonal Antibody
Catalog #: AMRe85615**



Summary

Production Name	Glucose 6 Phosphate Dehydrogenase Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Glucose 6 Phosphate Dehydrogenase
Alternative Names	G6PD; Glucose-6-phosphate 1-dehydrogenase; G6PD
Gene ID	2539.0
SwissProt ID	P11413.Recombinant protein of human Glucose 6 Phosphate Dehydrogenase

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20,IHC:1:50-1:100
Molecular Weight	Calculated MW: 59 kDa; Observed MW: 59 kDa

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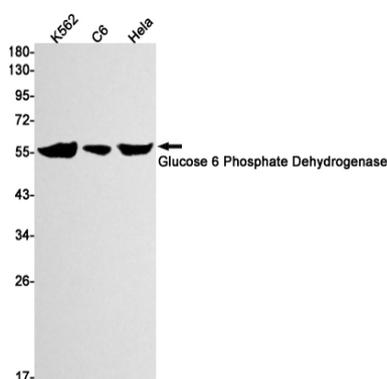


Background

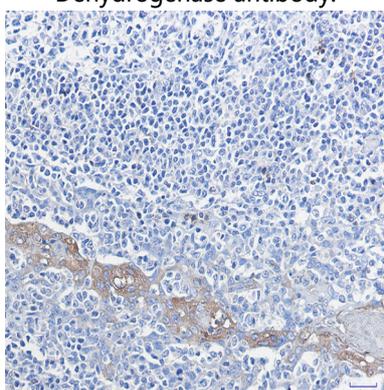
Catalyzes the rate-limiting step of the oxidative pentose-phosphate pathway, which represents a route for the dissimilation of carbohydrates besides glycolysis. The main function of this enzyme is to provide reducing power (NADPH) and pentose phosphates for fatty acid and nucleic acid synthesis.

Research Area

Image Data



Western blot analysis of Glucose 6 Phosphate Dehydrogenase in K562, C6, HeLa lysates using Glucose 6 Phosphate Dehydrogenase antibody.



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.

Note

For research use only.