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anti-Glucose-6-Phosphate Dehydrogenase antibody (AA 80-185)



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2 Images

Overview	
Quantity:	100 μg
Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Binding Specificity:	AA 80-185
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucose-6-Phosphate Dehydrogenase antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant Human Glucose-6-phosphate 1-dehydrogenase protein (80-185AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified
Target Details	
Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Alternative Name:	G6PD (G6PD Products)
Background:	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

Target Details

function of this enzyme is to provide reducing power (NADPH) and pentose phosphates for fatty acid and nucleic acid synthesis.

Aliases: G6PD antibody, G6PD_HUMAN antibody, G6PD1 antibody, G6pdx antibody, Glucose 6 phosphate 1 dehydrogenase antibody, Glucose 6 phosphate dehydrogenase antibody, Glucose 6 phosphate dehydrogenase, G6PD antibody, Glucose-6-phosphate 1-dehydrogenase antibody, MET19 antibody, POS10 antibody, Zwf1p antibody

UniProt: P11413

Pathways: Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

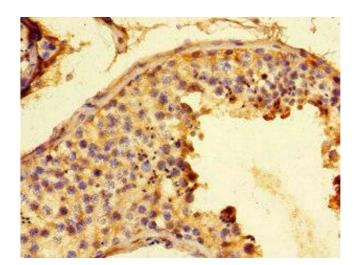
Handling

Storage:

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

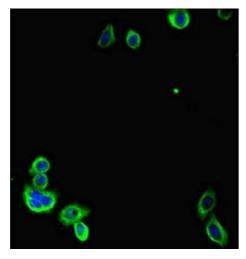
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

-20 °C,-80 °C



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7153916 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells using ABIN7153916 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)