Datasheet for ABIN1173474

anti-Glucose-6-Phosphate Dehydrogenase antibody (AA 1-515)

3 Images

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Overview

Quantity:	100 µL
Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Binding Specificity:	AA 1-515
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucose-6-Phosphate Dehydrogenase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Polyclonal Antibody to Glucose-6-phosphate Dehydrogenase (G6PD)
Immunogen:	Recombinant Glucose-6-phosphate Dehydrogenase (G6PD)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against G6PD. It has been selected for its ability to recognize G6PD in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Alternative Name:	G6PD (G6PD Products)

Target Details

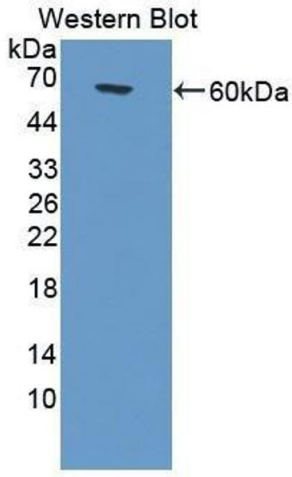
Background:	Glucose-6-phosphate 1-dehydrogenase
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Flow cytometry:20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

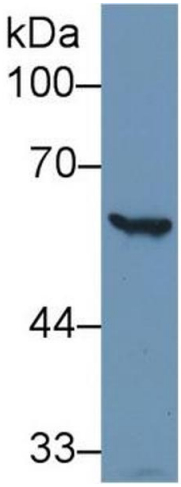
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



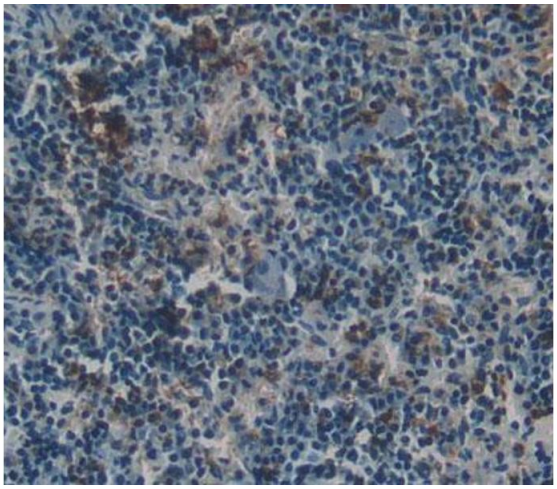
Western Blotting

Image 1.



Western Blotting

Image 2. Western Blot; Sample: Human Hela cell lysate; Primary Ab: 1µg/ml Rabbit Anti-Human G6PD Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Immunohistochemistry

Image 3. Figure.DAB staining on IHC-P. Samples: Human Tissue

