

Rabbit anti-Human Glucose 6 Phosphate Dehydrogenase Monoclonal Antibody | anti-G6PD antibody

Glucose 6 Phosphate Dehydrogenase Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269536	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

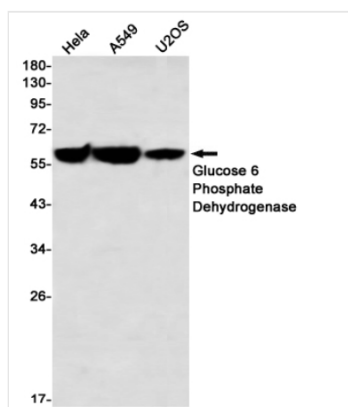
PRODUCT SYNONYMS

Glucose 6 Phosphate Dehydrogenase; Monoclonal Antibody; Glucose 6 Phosphate Dehydrogenase Rabbit mAb; anti-G6PD antibody

PRODUCT SPECIFICATIONS

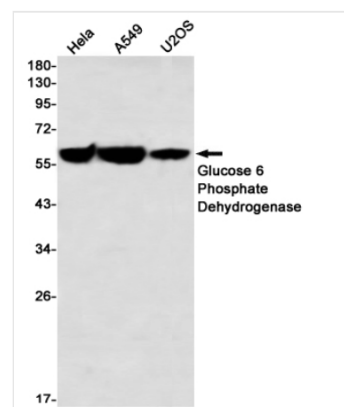
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R03-1F3
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-G6PD antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Glucose 6 Phosphate Dehydrogenase
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-G6PD antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1203978
NCBI GeneID	2539
UniProt Accession #	P11413; Q16000; Q16765; Q8IU70; Q8IU88; Q8IUA6; Q96PQ2; D3DWX9
Molecular Weight	59,257 Da
NCBI Official Full Name	G6PD
NCBI Official Synonym Full Names	glucose-6-phosphate dehydrogenase
NCBI Official Symbol	G6PD
NCBI Official Synonym Symbols	G6PD1
NCBI Protein Information	glucose-6-phosphate 1-dehydrogenase; glucose-6-phosphate dehydrogenase, G6PD
UniProt Protein Name	Glucose-6-phosphate 1-dehydrogenase
UniProt Gene Name	G6PD
UniProt Synonym Gene Names	G6PD
UniProt Entry Name	G6PD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/glucose-6-phosphate-dehydrogenase-antibody-clone-r03-1f3-immunofluorescence-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/269536>