Product Datasheet

# Glucose 6 Phosphate Dehydrogenase Rabbit mAb

Catalog No: #52309

Package Size: #52309-1 50ul #52309-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

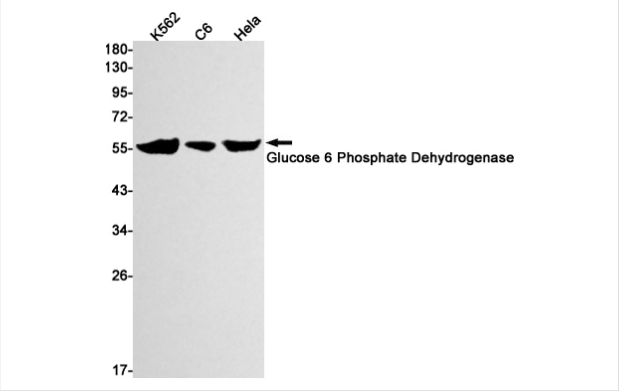
## Description

| | |
|---|---|
| Product Name | Glucose 6 Phosphate Dehydrogenase Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | S02-6B6 |
| Isotype | Rabbit IgG |
| Purification | Affinity Purified |
| Applications | WB IHC |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Description | Recombinant protein of human Glucose 6 Phosphate Dehydrogenase |
| Conjugates | Unconjugated |
| Modification | Unmodification |
| Other Names | G6PD1 |
| Accession No. | Swiss-Prot:P11413GeneID:2539 |
| Uniprot | P11413 |
| GeneID | 2539 |
| Calculated MW | Calculated MW: 59 kDa; Observed MW: 59 kDa |
| Concentration | 0.3 mg/ml |
| Formulation | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

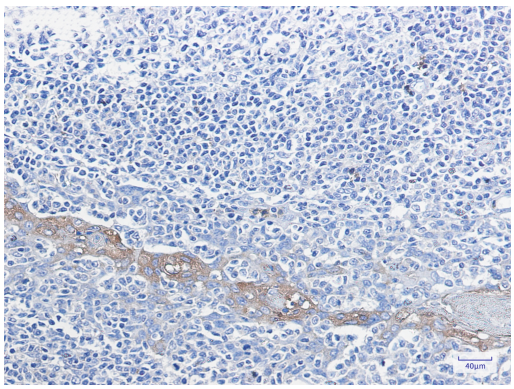
## Application Details

WB: 1/1000; IHC: 1/200;

## Images




Western blot detection of Glucose 6 Phosphate Dehydrogenase in K562,C6,Hela cell lysates using Glucose 6 Phosphate Dehydrogenase Rabbit mAb(1:1000 diluted).Predicted band size:59kDa.Observed band size:59kDa.



Immunohistochemistry of Glucose 6 Phosphate Dehydrogenase in paraffin-embedded Human tonsil using Glucose 6 Phosphate Dehydrogenase Rabbit mAb at dilution 1/100

## Background

Swiss-Prot Acc.P11413.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.

Note: This product is for in vitro research use only