

A17442

Leader in Biomolecular Solutions for Life Science



G6PD Rabbit pAb

Catalog No.: A17442

Basic Information

Observed MW

Refer to figures

Calculated MW

59kDa

Category

Mouse Monoclonal Antibody

Applications

WB

Cross-Reactivity

Human

Background

This gene encodes glucose-6-phosphate dehydrogenase. This protein is a cytosolic enzyme encoded by a housekeeping X-linked gene whose main function is to produce NADPH, a key electron donor in the defense against oxidizing agents and in reductive biosynthetic reactions. G6PD is remarkable for its genetic diversity. Many variants of G6PD, mostly produced from missense mutations, have been described with wide ranging levels of enzyme activity and associated clinical symptoms. G6PD deficiency may cause neonatal jaundice, acute hemolysis, or severe chronic non-spherocytic hemolytic anemia. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2539

Swiss Prot

P11413

Immunogen

Recombinant protein of human G6PD.

Synonyms

G6PD1; G6PD

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.