Glucose 6 Phosphate Dehydrogenase Recombinant Rabbit mAb

Catalog: BS45445 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes glucose-6-phosphate dehydrogenase. This protein is a cytosolic enzyme encoded by a house-keeping X-linked gene whose main function is to produce NADPH, a key electron donor in the defense against oxi-dizing agents and in reductive biosynthetic reactions. G6PD is remarkable for its genetic diversity. Many vari-ants of G6PD, mostly produced from missense mutations, have been described with wide ranging levels of enzyme activity and associated clinical symptoms. G6PD defi-ciency 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. [provided by RefSeq, Jul 2008]

Product:

Store at -20℃. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Molecular Weight:

59 kDa

Swiss-Prot:

P11413

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000
IHC: 1:500-1:2000
ICC/IF: 1:100
FC: 1:200-1:500
IP: 1:20-1:50

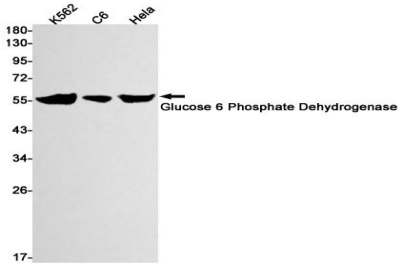
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot detection of Glucose 6 Phosphate Dehydrogenase in K562,C6,Hela cell lysates using Glucose 6 Phosphate Dehydrogenase antibody(1:1000 diluted).

Note:

For research use only, not for use in diagnostic procedure.

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