Recombinant Glutathione Reductase Monoclonal Antibody

catalog number: **E-AB-81562**

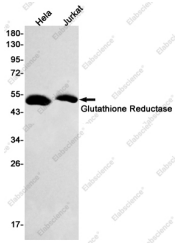
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide of human Glutathione Reductase
Host	Rabbit
Isotype	Rabbit IgG
Clone	C333348
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western blot detection of Glutathione Reductase in Hela,Jurkat cell lysates using Glutathione Reductase Rabbit mAb(1:500 diluted).Predicted band size:56kDa.Observed band size:51kDa.

Observed-MW:51 kDa

Calculated-MW:56 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

This gene encodes a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. This enzyme is a homodimeric flavoprotein. It is a central enzyme of cellular antioxidant defense, and reduces oxidized glutathione disulfide (GSSG) to the sulfhydryl form GSH, which is an important cellular antioxidant. Rare mutations in this gene result in hereditary glutathione reductase deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been found.

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