

Recombinant

DGRmAb®

**Glutathione Reductase (DGR19406) Rabbit mAb**

db13321

Package : 10µL 20µL 50µL 100µL

**Product Name** : Glutathione Reductase (DGR19406) Rabbit mAb**Cat.No.:** db13321**Synonyms** : HEL-75; HEL-S-122m**Application** : WB, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, Aug 2010]

**Immunogen**

A synthetic peptide of human Glutathione Reductase

**Gene ID**

2936

**Swiss Prot**

P00390

**Synonyms**

HEL-75; HEL-S-122m

**Reactivity**

Human

**Application**

WB, ICC/IF, FC

**Recommended dilution**

WB: 1:2000-1:20000

ICC/IF: 1:200-1:500

FC: 1:100

**Calculated MW**

56 kDa

**Observed MW**

51 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

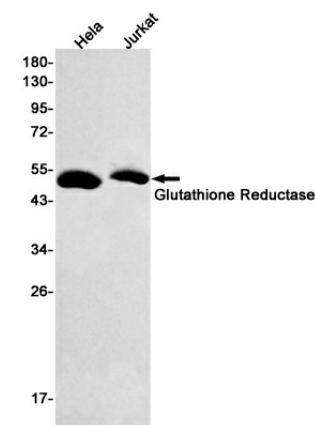
**Clonality No.**

DGR19406

**Isotype**

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. 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.



Western blot detection of Glutathione Reductase in HeLa, Jurkat cell lysates using Glutathione Reductase antibody(1:500 diluted).