

Recombinant

DGRmAb®

Glutaminase C (DGR14229) Rabbit mAb

db14298

Package : 10µL 20µL 50µL 100µL

Product Name : Glutaminase C (DGR14229) Rabbit mAb**Cat.No.:** db14298**Synonyms** : GAC; GAM; KGA; GLS1; AAD20**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes the K-type mitochondrial glutaminase. The encoded protein is an phosphate-activated amidohydrolase that catalyzes the hydrolysis of glutamine to glutamate and ammonia. This protein is primarily expressed in the brain and kidney plays an essential role in generating energy for metabolism, synthesizing the brain neurotransmitter glutamate and maintaining acid-base balance in the kidney. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012]

Immunogen

Recombinant protein of human Glutaminase C

Gene ID

2744

Swiss Prot

O94925

Synonyms

GAC; GAM; KGA; GLS1; AAD20

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC, IP

Recommended dilutionWB: 1:1000
ICC/IF: 1:200-1:500
FC: 1:200-1:500
IP: 1:20-1:50**Calculated MW**

74 kDa

Observed MW

68 kDa

Host species

Rabbit

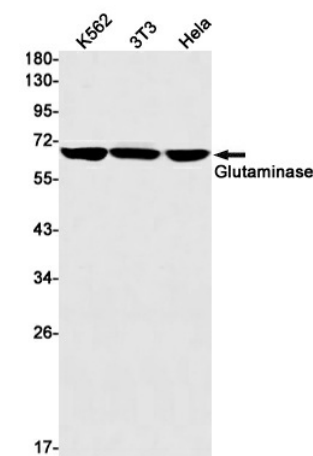
Clonality

Monoclonal

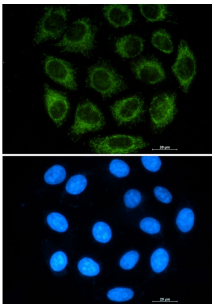
Clonality No.

DGR14229

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 Glutaminase in K562,3T3,HeLa cell lysates using Glutaminase antibody(1:1000 diluted).



Immunofluorescent analysis of A549 cells using db14298 antibody (green), and DAPI (blue).