

Recombinant

DGRmAb®

## Guanylyl Cyclase alpha 1 (DGR15163) Rabbit mAb

db15126

Package : 10µL 20µL 50µL 100µL

**Product Name :** Guanylyl Cyclase alpha 1 (DGR15163) Rabbit mAb**Cat.No.:** db15126**Synonyms :** GUCA3; MYMY6; GC-SA3; GUC1A3; GUCA3; GUCY1A3**Application :** WB**Reactivity :** Human**Host species :** Rabbit**Background**

Soluble guanylate cyclases are heterodimeric proteins that catalyze the conversion of GTP to 3',5'-cyclic GMP and pyrophosphate. The protein encoded by this gene is an alpha subunit of this complex and it interacts with a beta subunit to form the guanylate cyclase enzyme, which is activated by nitric oxide. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

**Immunogen**

Recombinant protein of human Guanylyl Cyclase alpha 1

**Gene ID**

2982

**Swiss Prot**

Q02108

**Synonyms**

GUCA3; MYMY6; GC-SA3; GUC1A3; GUCA3; GUCY1A3

**Reactivity**

Human

**Application**

WB

**Recommended dilution**

WB: 1:1000-1:5000

**Calculated MW**

78 kDa

**Observed MW**

78 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR15163

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

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**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.