

Recombinant

DGRmAb®

## Guanylyl Cyclase beta 1 (DGR14888) Rabbit mAb

db15210

Package : 10µL 20µL 50µL 100µL

**Product Name :** Guanylyl Cyclase beta 1 (DGR14888) Rabbit mAb**Cat.No.:** db15210**Synonyms :** GUCB3; GC-SB3; GUC1B3; GUCSB3; GUCY1B1; GC-S-beta-1**Application :** WB, IHC-P**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes the beta subunit of the soluble guanylate cyclase (sGC), which catalyzes the conversion of GTP (guanosine triphosphate) to cGMP (cyclic guanosine monophosphate). The encoded protein contains an HNOX domain, which serves as a receptor for ligands such as nitric oxide, oxygen and nitrovasodilator drugs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

**Immunogen**

A synthetic peptide of human Guanylyl Cyclase beta 1

**Gene ID**

2983

**Swiss Prot**

Q02153

**Synonyms**

GUCB3; GC-SB3; GUC1B3; GUCSB3; GUCY1B1; GC-S-beta-1

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

**Calculated MW**

71 kDa

**Observed MW**

71 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR14888

**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.