

Recombinant

DGRmAb®

POT1 (DGR16708) Rabbit mAb

db11482

Package : 10µL 20µL 50µL 100µL

Product Name : POT1 (DGR16708) Rabbit mAb**Cat.No.:** db11482**Synonyms** : GLM9; CMM10; HPOT1**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

This gene is a member of the telombin family and encodes a nuclear protein involved in telomere maintenance. Specifically, this protein functions as a member of a multi-protein complex that binds to the TTAGGG repeats of telomeres, regulating telomere length and protecting chromosome ends from illegitimate recombination, catastrophic chromosome instability, and abnormal chromosome segregation. Increased transcriptional expression of this gene is associated with stomach carcinogenesis and its progression. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human POT1

Gene ID

25913

Swiss Prot

Q9NUX5

Synonyms

GLM9; CMM10; HPOT1

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

71 kDa

Observed MW

71 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16708

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 POT1 in K562,C6,3T3 cell lysates using POT1 antibody(1:1000 diluted).