

Recombinant

DGRmAb®

**Granulin (DGR15099) Rabbit mAb (PBS Only)**

db15145-PBS

Package : 100µg

**Product Name** : Granulin (DGR15099) Rabbit mAb (PBS Only)**Cat.No.:** db15145-PBS**Synonyms** : GEP; GP88; PEPI; PGRN; CLN11; PCDGF**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

Granulins are a family of secreted, glycosylated peptides that are cleaved from a single precursor protein with 7.5 repeats of a highly conserved 12-cysteine granulin/epithelin motif. The 88 kDa precursor protein, progranulin, is also called proepithelin and PC cell-derived growth factor. Cleavage of the signal peptide produces mature granulin which can be further cleaved into a variety of active, 6 kDa peptides. These smaller cleavage products are named granulin A, granulin B, granulin C, etc. Epithelins 1 and 2 are synonymous with granulins A and B, respectively. Both the peptides and intact granulin protein regulate cell growth. However, different members of the granulin protein family may act as inhibitors, stimulators, or have dual actions on cell growth. Granulin family members are important in normal development, wound healing, and tumorigenesis. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Granulin

**Gene ID**

2896

**Swiss Prot**

P28799

**Synonyms**

GEP; GP88; PEPI; PGRN; CLN11; PCDGF

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

FC: 1:200

IP: 1:10-1:100

**Calculated MW**

64 kDa

**Observed MW**

55,88 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15099
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.