

Recombinant

DGRmAb®

SESN1 (DGR15876) Rabbit mAb

db14972

Package : 10µL 20µL 50µL 100µL

Product Name : SESN1 (DGR15876) Rabbit mAb**Cat.No.:** db14972**Synonyms** : PA26; SEST1**Application** : WB, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the sestrin family. Sestrins are induced by the p53 tumor suppressor protein and play a role in the cellular response to DNA damage and oxidative stress. The encoded protein mediates p53 inhibition of cell growth by activating AMP-activated protein kinase, which results in the inhibition of the mammalian target of rapamycin protein. The encoded protein also plays a critical role in antioxidant defense by regenerating overoxidized peroxiredoxins, and the expression of this gene is a potential marker for exposure to radiation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]

Immunogen

A synthetic peptide of human SESN1

Gene ID

27244

Swiss Prot

Q9Y6P5

Synonyms

PA26; SEST1

Reactivity

Human,Mouse,Rat

Application

WB, FC

Recommended dilution

WB: 1:1000-1:5000

FC: 1:100-1:500

Calculated MW

57 kDa

Observed MW

70 kDa

Host species

Rabbit

Clonality

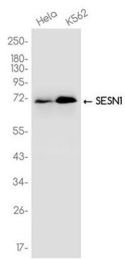
Monoclonal

Clonality No.

DGR15876

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 analysis of extracts from HeLa, K562 cells using db14972 at 1:1000.



Western blot analysis of extracts from HepG2, HCT116, SW620 cells using db14972 at 1:3000.

