

Recombinant

DGRmAb®

## SEN1 (DGR11703) Rabbit mAb

db15927

Package : 10µL 20µL 50µL 100µL

**Product Name :** SEN1 (DGR11703) Rabbit mAb**Cat.No.:** db15927**Synonyms :** SuPr-2**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human**Host species :** Rabbit**Background**

This gene encodes a cysteine protease that specifically targets members of the small ubiquitin-like modifier (SUMO) protein family. This protease regulates SUMO pathways by deconjugating sumoylated proteins. This protease also functions to process the precursor SUMO proteins into their mature form. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]

**Immunogen**

A synthetic peptide of human SEN1

**Gene ID**

29843

**Swiss Prot**

Q9P0U3

**Synonyms**

SuPr-2

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:1000-1:10000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:500

FC: 1:20-1:50

**Calculated MW**

74 kDa

**Observed MW**

74 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

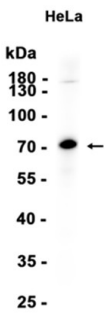
**Clonality No.**

DGR11703

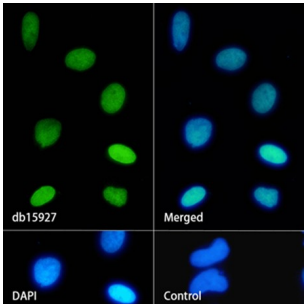
**Isotype**

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 cells using db15927 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling SENP1 with db15927.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15927(1:500) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.