

Recombinant

DGRmAb®

**Dcp1a (DGR14387) Rabbit mAb (PBS Only)**

db15317-PBS

Package : 10µg 100µg

**Product Name** : Dcp1a (DGR14387) Rabbit mAb (PBS Only)**Cat.No.:** db15317-PBS**Synonyms** : SMIF; SMAD4IP1; HSA275986; Nbla00360**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Decapping is a key step in general and regulated mRNA decay. The protein encoded by this gene is a decapping enzyme. This protein and another decapping enzyme form a decapping complex, which interacts with the nonsense-mediated decay factor hUpf1 and may be recruited to mRNAs containing premature termination codons. This protein also participates in the TGF-beta signaling pathway. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2014]

**Immunogen**

A synthetic peptide of human Dcp1a

**Gene ID**

55802

**Swiss Prot**

Q9NPI6

**Synonyms**

SMIF; SMAD4IP1; HSA275986; Nbla00360

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC

**Calculated MW**

63 kDa

**Observed MW**

75 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR14387

**Isotype**

IgG

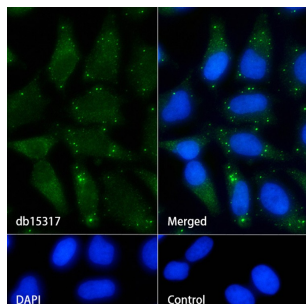
**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.



Immunofluorescence analysis of HeLa cells labelling Dcp1a with [db15317](#).

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 [db15317](#) (1:100) 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.