Recombinant DGRmAb®

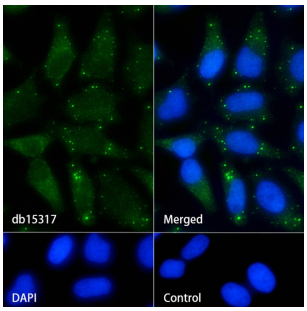
Dcp1a (DGR14387) Rabbit mAb

db15317 **Package : 10μL 20μL 50μL 100μL**

Product Name : Dcp1a (DGR14387) Rabbit mAb
Cat.No.: db15317
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
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200 FC: 1:100
Calculated MW	63 kDa
Observed MW	75 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14387

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.



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.