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DCP1A Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant DCP1A.
Catalog # AT1717a

Product Information

Application	WB, IF, E
Primary Accession	Q9NPI6
Other Accession	NM_018403
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3G4
Calculated MW	63278

Additional Information

Gene ID	55802
Other Names	mRNA-decapping enzyme 1A, 3---, Smad4-interacting transcriptional co-activator, Transcription factor SMIF, DCP1A, SMIF
Target/Specificity	DCP1A (NP_060873, 186 a.a. ~ 285 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	DCP1A Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

References

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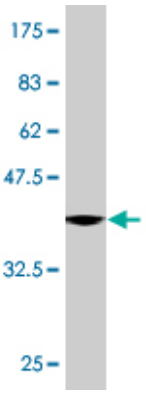
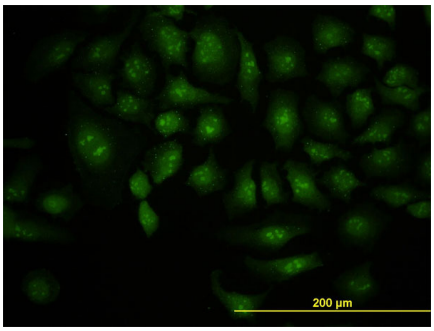
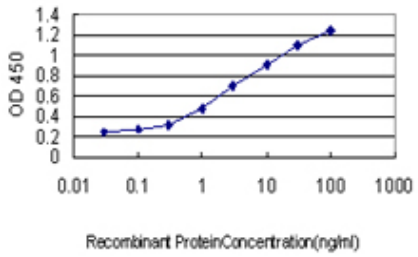
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Immunofluorescence of monoclonal antibody to DCP1A on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged DCP1A is approximately 0.1ng/ml as a capture antibody.