

小鼠抗 DCPS 单克隆抗体

中文名称: 小鼠抗 DCPS 单克隆抗体

英文名称: Anti-DCPS mouse monoclonal antibody

别名: ARS; DCS1; HSL1; HINT5; HINT-5; HSPC015

储存: 冷冻 (-20℃) 避光

抗原: DCPS

宿主: Mouse

反应种属: Human

相关类别: 一抗

标记物: Unconjugate

克隆类型: mouse monoclonal

技术规格

Background:

Eukaryotic cells primarily utilize exoribonucleases and decapping enzymes to degrade their mRNA. DcpS is a scavenger pyrophosphatase that hydrolyzes the residual cap structure following 3' to 5' decay of an mRNA. Following mRNA degradation DcpS releases N-7 methyl guanosine monophosphate and 5'-diphosphate terminated cap or mRNA products. The central histidine within the DcpS HIT motif is critical for decapping activity and defines the HIT motif as a new mRNA decapping domain, making DcpS the first member of the HIT family of proteins with a defined biological function. HIT proteins are hom

	odimeric and contain two conserved 100-amino-acid HIT fold domains with independent active sites that are each sufficient to bind and hydrolyze cognate substrates.
Applications:	WB, IHC
Name of antibody:	DCPS
Immunogen:	Fusion protein of human DCPS
Full name:	decapping enzyme, scavenger (DCPS)
Synonyms:	ARS; DCS1; HSL1; HINT5; HINT-5; HSPC015
SwissProt:	Q96C86
IHC positive control:	carcinoma of human thyroid tissue and human endometrium tissue; human kidney tissue and human lymph node tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	39 kDa
WB Positive control:	HepG2, HeLa, SVT2, COS7, PC12, MCF-7 cell lysates
WB Recommended dilution:	1000-5000