

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 N⁷-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 homodimeric and contain two conserved 100-amino-acid HIT fold domains with independent active sites that are each sufficient to bind and hydrolyze cognate substrates.

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| 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 |