

小鼠抗 PYM1 单克隆抗体

中文名称： 小鼠抗 PYM1 单克隆抗体

英文名称： Anti-PYM1 mouse monoclonal antibody

别 名： PYM

相关类别： 一抗

储 存： 冷冻（-20℃） 避光

宿 主： Mouse

抗 原： PYM1

反应种属： Human

标 记 物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

Key regulator of the exon junction complex (EJC), a multiprotein complex that associates immediately upstream of the exon-exon junction on mRNAs and serves as a positional landmark for the intron exon structure of genes and directs post-transcriptional processes in the cytoplasm such as mRNA export, nonsense-mediated mRNA decay (NMD) or translation. Acts as an EJC disassembly factor, allowing translation-dependent EJC removal and recycling by disrupting mature EJC from spliced mRNAs. Its association with the 40S ribosomal subunit probably prevents a translation-independent disassembly of the EJC from spliced mRNAs, by restricting its activity to mRNAs that have been translated. Interferes with NMD and enhances translation of spliced mRNAs, probably by antagonizing EJC functions. May bind RNA; the relevance of R

| | |
|---------------------------------|--|
| | NA-binding remains unclear in vivo, RNA-binding was detected by PubMed:14968132, while PubMed:19410547 did not detect RNA-binding activity independently of the EJC. |
| Applications: | WB |
| Name of antibody: | PYM1 |
| Immunogen: | Fusion protein of human PYM1 |
| Full name: | PYM homolog 1, exon junction complex associated factor |
| Synonyms: | PYM; WIBG |
| SwissProt: | Q9BRP8 |
| WB Predicted band size: | 23 kDa |
| WB Positive control: | MCF-7 cell lysate |
| WB Recommended dilution: | 200-1000 |