

小鼠抗 PRDX5 单克隆抗体

中文名称： 小鼠抗 PRDX5 单克隆抗体

英文名称： Anti-PRDX5 mouse monoclonal antibody

别名： peroxiredoxin 5; PLP; ACR1; B166; PRXV; PMP20; PRDX6; prx-V; SBBI10; AOEB166; HEL-S-55

相关类别： 一抗

储存： 冷冻 (-20℃)

宿主： Mouse

抗原： PRDX5

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

包装：

100 ul 2000

技术规格

Background:

Peroxiredoxin-5 (PRDX5) is a novel mammalian peroxiredoxin, belonging to the family of thiol-dependent peroxidases. It is structurally dissimilar from other peroxiredoxins in that it contains a conserved cysteine 47 residue at the N-terminus and a cysteine 151 residue at the C-terminus which form an intramolecular disulfide bridge and confers unique chemical characteristics to this enzyme. Peroxiredoxins protect cells from apoptosis induced by overexposure to endogenous or exogenous peroxides, such as peroxynitrites, hydrogen peroxide, and alkyl hydroperoxides. Peroxiredoxin-5 is widely expressed in various subcellular regions, including mitochondria, peroxisomes, nucleus, and cytosol.

Applications:	WB, IHC
Name of antibody:	PRDX5
Immunogen:	Fusion protein of human PRDX5
Full name:	peroxiredoxin 5
Synonyms:	PLP; ACR1; B166; PRXV; PMP20; PRDX6; prx-V; SBBI10; AOEB166; HEL-S-55
SwissProt:	P30044
IHC positive control:	Human appendix tissue and Human gastric tissue
IHC Recommended dilution:	100-250
WB Predicted band size:	22 KD
WB Positive control:	Hela, HepG2, MCF7 cell lysates
WB Recommended dilution:	500-2000