

小鼠抗 SOD2 单克隆抗体

中文名称:	小鼠抗 SOD2 单克隆抗体
英文名称:	Anti-SOD2 mouse monoclonal antibody
别名:	superoxide dismutase 2; IPOB; IPO-B; MNSOD; MVCD6; Mn-SOD
相关类别:	一抗
储存:	冷冻 (-20℃)
宿主:	Mouse
抗原:	SOD2
反应种属:	Human
标记物:	Unconjugate
克隆类型:	Mouse Monoclonal

技术规格

Background:	This gene is a member of the iron/manganese superoxide dismutase family. It encodes a mitochondrial protein that forms a homotetramer and binds one manganese ion per subunit. This protein binds to the superoxide byproducts of oxidative phosphorylation and converts them to hydrogen peroxide and diatomic oxygen. Mutations in this gene have been associated with idiopathic cardiomyopathy (IDC), premature aging, sporadic motor neuron disease, and cancer. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 1.
Applications:	WB

Name of antibody:	SOD2
Immunogen:	Fusion protein of human SOD2
Full name:	superoxide dismutase 2
Synonyms:	IPOB; IPO-B; MNSOD; MVCD6; Mn-SOD
SwissProt:	P04179
WB Predicted band size:	25 kDa
WB Positive control:	Hela, THP-1, A549, Ramos and K562 cell lysates
WB Recommended dilution:	1000-5000

