

小鼠抗 mBFP 单克隆抗体

中文名称:	小鼠抗 mBFP 单克隆抗体
英文名称:	Anti-mBFP mouse monoclonal antibody
相关类别:	标签抗体
储存:	冷冻 (-20℃) 避光
宿主:	Mouse
抗原:	mBFP
反应种属:	mBFP
标记物:	Unconjugate
克隆类型:	mouse monoclonal

技术规格

Background:	The blue fluorescent protein (BFP) is a mutant of the green fluorescent protein, where the phenolic ring of the chromophore has been replaced by imidazole cycle of histidine residue. The usability of BFP as a fluorescent marker is hampered by its low fluorescence quantum yield at room temperature. The intensity of fluorescence increases by a factor of 4.5 when the temperature is decreased from 320 K down to 225 K. The fluorescence is also enhanced by hydrostatic pressure. Both effects have been explained by shift of the equilibrium between hydrogen nonbonded and hydrogen-bonded chromophores.
Applications:	WB
Name of antibody:	mBFP
Immunogen:	This antibody is raised against a recombinant protein

	and recognizes mBFP.
Full name:	monomeric blue fluorescence protein
SwissProt:	P80893
WB Predicted band size:	26 kDa
WB Positive control:	HEK293T cells were transfected with the pCMV6-ENTR Y control (Left lane) or pCMV6-ENTRY mBFP ne) cDN A for 48 hrs and lysed
WB Recommended dilution:	1000-5000