

## 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

<b>Background:</b>	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fluorescent protein (BFP) is a mutant of the green fluorescent protein, where the phenolic ring of the chromophore has been replaced by imidazole cycle of histidine residue.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.
<b>Applications:</b>	WB

<b>Name of antibody:</b>	mBFP
<b>Immunogen:</b>	This antibody is raised against a recombinant protein and recognizes mBFP.
<b>Full name:</b>	monomeric blue fluorescence protein
<b>SwissProt:</b>	P80893
<b>WB Predicted band size:</b>	26 kDa
<b>WB Positive control:</b>	HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY mBFP ne) cDNA for 48 hrs and lysed
<b>WB Recommended dilution:</b>	1000-5000