

小鼠抗 EYFP Tag 单克隆抗体

中文名称： 小鼠抗 EYFP Tag 单克隆抗体

英文名称： Anti-EYFP Tag mouse monoclonal antibody

别名： Enhanced Yellow florescent protein; eYFP; YFP; Yellow Fluorescent Protein; enhanced Yellow Fluorescent Protein

相关类别： 标签抗体

储存： 冷冻 (-20℃)

宿主： Mouse

抗原： EYFP Tag

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

Yellow Fluorescent Protein (YFP) is a genetic mutant of green fluorescent protein, derived from *Aequorea victoria*. Its excitation peak is 514nm and its emission peak is 527nm. Like green fluorescent protein (GFP), it is a useful tool in cell and molecular biology, usually explored using fluorescence microscopy. Three improved versions of YFP are Citrine, Venus, and Ypet. They have reduced chloride sensitivity, faster maturation, and increased brightness (product of the extinction coefficient and quantum yield). Typically, yellow FPs serve as the acceptor for genetically-encoded FRET sensors of which the most likely donor FP is mCFP (monomeric cyan FP). The red-shift relative to GFP is caused by a Pi-Pi stacking interaction as a result of the T203Y mutat

	ion, which essentially increases the polarizability of the local chromophore environment as well as providing a dditional electron density into the chromophore.
Applications:	WB
Name of antibody:	EYFP Tag
Immunogen:	Fusion protein of EYFP
Full name:	Enhanced Yellow florescent protein
Synonyms:	eYFP; YFP; Yellow Fluorescent Protein; enhanced Yellow Fluorescent Protein
WB Positive control:	Recombinant EYFP Tag protein
WB Recommended dilution:	5000-20000

