



EGFP/EYFP Monoclonal Antibody

Product Code	CSB-MA017267
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	Purified recombinant EYFP.tag full length expressed in E.coli.
Raised In	Mouse
Species Reactivity	Bacillus cereus
Specificity	Transfected
Tested Applications	ELISA,WB;Recommended dilution:WB:1:500-1:5000
Relevance	<p>The green fluorescent protein (GFP) is a protein isolated from the jellyfish Aequorea victoria composed of 238 amino acid residues that exhibits bright green fluorescence. GFP has become a very useful tool as a fusion protein that reports gene expression, traces cell lineages and defines subcellular protein localizations. Due to the potential for widespread usage and the evolving needs of researchers, many different mutants of GFP have been engineered. For example, EGFP contains the double-amino-acid substitution of Phe-64 to Leu and Ser-65 to Thr which result in brighter green fluorescence. EYFP contains the four amino acid substitutions of Ser-65 to Gly; Val-68 to Leu; Ser-72 to Ala; and Thr-203 to Tyr. EYFP emits yellow fluorescence excited by green light.</p>
Form	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity purified
Isotype	IgG1
Clonality	Monoclonal
Alias	GFP; Green Fluorescent Protein; enhanced Green Fluorescent Protein;
Product Type	Monoclonal Antibody
Immunogen Species	Bacillus cereus (strain ZK / E33L)