

MACO0221

Product Information

Size:

100ul

Reactivity:

Bacillus cereus

Source:

Mouse

Isotype:

IgG1

Applications:

ELISA, WB

Recommended dilutions:

WB:1:500-1:5000

Protein Background:

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.

Gene ID:

EGFP/EYFP

Uniprot

C8CHS1

Synonyms:

GFP; Green Fluorescent Protein; enhanced Green Fluorescent Protein;

Immunogen:

Purified recombinant EYFP. tag full length expressed in E.coli.

Storage:

Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.

Product Images

N/A

N/A