

Overview

Product name	Anti-GFP tag antibody [GF9] - Pro Marketing
Description	Mouse monoclonal [GF9] to GFP tag
Reactivity	Green fluorescent protein (GFP), Yellow fluorescent protein(YFP), Cyan fluorescent protein(CFP).
Tested applications	WB, IP
Immunogen	A Green Fluorescent Protein (GFP) fusion protein

Properties

Form	Liquid
Storage instructions	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2, Preservative: 0.01% Sodium Azide, Constituent: PBS.
Concentration	100 µg at 1 mg/ml
Purity	Protein A purified
Clonality	Monoclonal
Clone number	GF9
Isotype	IgG2a

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB	1/5000
IP	Use at an assay dependent concentration

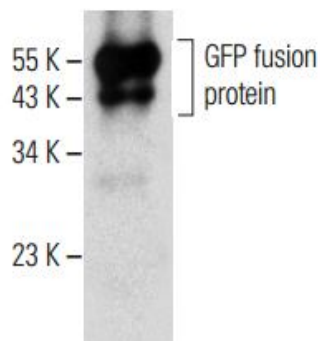
Target

Green fluorescent protein has been engineered to produce a vast number of variously colored mutants, fusion proteins, and biosensors. Fluorescent proteins and its mutated allelic forms, blue, cyan and yellow have become a useful and ubiquitous tool for making chimeric proteins, where they function as a fluorescent protein tag. Typically they tolerate N- and C-terminal fusion to a broad variety of proteins. They have been expressed in most known cell types and are used as a noninvasive fluorescent marker in living cells and organisms. They enable a wide range of applications where they have functioned as a cell lineage tracer, reporter of gene expression, or as a measure of protein-protein interactions. Can also be used as a molecular thermometer, allowing accurate temperature measurements in fluids. The measurement process relies on the detection of the blinking of GFP using fluorescence correlation spectroscopy.

Alternative names GFP antibody, Green fluorescent protein antibody, yfp antibody, etc.

Anti-GFP tag antibody [GF9] - Pro Marketing images

All lanes : Anti-GFP tag antibody [GF9] - Pro Marketing (PMA106) at 1/5000 dilution



Lane 1 : HELA whole cell lysate - transfected
Lane 2 : HEK293 whole cell lysate - transfected

Anti-GFP tag antibody [GF9] - Pro Marketing (PMA106)