

Basic Information

Product Name	Anti-GFP tag Antibody		
Gene Name	GFP		
Source	Rabbit		
Clonality	Polyclonal		
Isotype	IgG		
Species Reactivity	aequoreavictoria, recombinantprotein		
Tested Application	WB, ICC/IF, IP, ELISA		
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.		
Immunogen	E.coli-derived human GFP tag recombinant protein (Position: G4-K239).		
Concentration	500 ug/ml		
Purification	Immunogen affinity purified.		
Dilution Ratios	Western blot (WB):	1:500-2000	
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-400	
	ImmunoPrecipitation (IP):	1:50	
	Enzyme linked immunosorbent assay (ELISA):	1:100-1000	

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Green fluorescent protein(GFP) 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.

Selected Validation Data