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GFP Antibody

Rabbit mAb
Catalog # AP90025

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	P42212
Clonality	Monoclonal
Other Names	GFP ; yfp ; Green fluorescent protein ;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	26886

Additional Information

Dilution	WB 1:5000~1:10000 IHC 1:100~1:200 ICC/IF 1:100~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from green fluorescent protein
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	GFP
Function	Energy-transfer acceptor. Its role is to transduce the blue chemiluminescence of the protein aequorin into green fluorescent light by energy transfer. Fluoresces in vivo upon receiving energy from the Ca(2+)-activated photoprotein aequorin.
Tissue Location	Photocytes.

Images

Image not found : 202311/AP90025-wb.jpg

Western blot analysis of GFP expression in 293 cell lysate transfected with GFP.

Image not found : 202311/AP90025-IHC.jpg	Immunohistochemical analysis of paraffin-embedded GFP transgenic mouse liver, using GFP Antibody.
Image not found : 202311/AP90025-IF.jpg	Immunofluorescent analysis of 293 cells, using GFP Antibody .

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