Catalog: OM153793

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GFP Antibody (FL) HRP

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☐ 100ul

Product profile

Product name	GFP Antibody (FL) HRP
Antibody Type	Tags Antibodies
Modification Notes	The green fluorescent protein (GFP) was originally identified as a protein involved in the bioluminescence of the jellyfish Aequorea victoria. GFP cDNA produces a fluorescent product when expressed in prokaryotic cells, without the need for exogenous substrates or cofactors, making GFP a useful tool for monitoring gene expression and protein localization in vivo. Several GFP mutants have been developed, including EGFP, which fluoresce more intensely than the wildtype GFP and have shifted excitation maxima, making them useful for FACS and fluorescence microscopy as well as double-labeling applications. GFP is widely used in expression vectors as a fusion protein tag, allowing expression and monitoring of heterologous proteins fused to GFP.

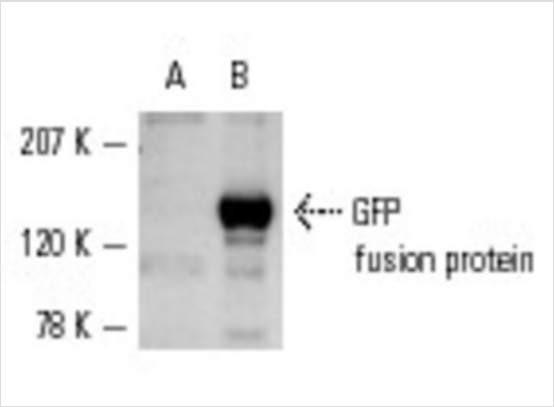
Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB ,IP ,IF ,ELISA
Species Reactivity	Human Mouse Rat
Concentration	1mg/ml
Purification	Affinity purified

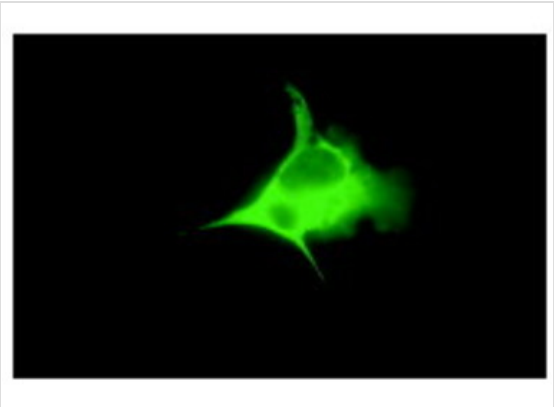
Target Information

Alternative Names	epitope corresponding to amino acids 1-238 representing full length GFP (green fluorescent protein) of Aequorea victoria origin
Tissue Specificity	epitope corresponding to amino acids 1-238 representing full length GFP (green fluorescent protein) of Aequorea victoria origin

Application



Application
Western blot analysis of GFP fusion protein expression in non-transfected COS cells (A) and COS cells transfected with pCruz GFP-Lac Z: (B).



Application
Fluorescence staining of methanol-fixed COS cells transfected with pCruz GFP-Lac Z: , showing GFP-Lac Z localization in the cytoplasm.

Application Notes	**recommended for detection of GFP and GFP mutant fusion proteins by WB, IP, IF and ELISA**:

Additional Information

Form	Liquid
Storage Instructions	For short-term storage, store at 4° C. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Storage Buffer	phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

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