

GFP-Tag Mouse mAb

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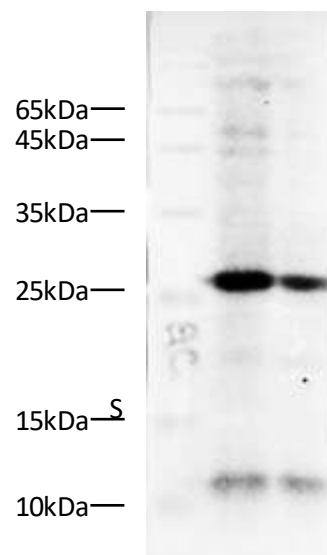
Cat#: 2057R

027-59325199

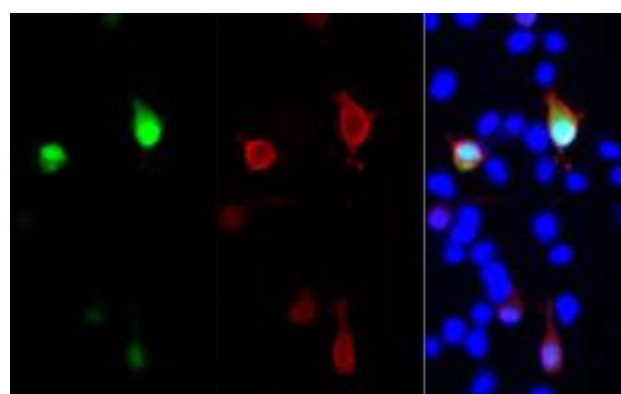
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Only For Research. Not For Diagnosis.

Synonyms:	GFP; Green fluorescent protein
Attribute:	Recombinant Mouse Monoclonal Antibody
Isotype:	IgG2a
Purity:	Protein A Affinity Purification
Application:	ELISA, WB, IP, IF
Calculated MW:	27kDa
Observed MW:	27kDa
Reactivity:	Human, Mouse, Rat, Zebra fish
Source:	HEK 293 cells
Immunogen:	Recombinant Human GFP protein expressed by E. Coli
Buffer:	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
Storage:	Store at -20°C. Do not aliquot
Recommended Dilution:	WB: 1:1000 IP: 3ug/sample IF: 1:500-2000



Western blot of GFP transfected zebra fish with anti-GFP-tag at dilution of 1:1000



Immunofluorescent analysis of GFP-transfected-293 cells with 2057R at dilution of 1:500.

Background:

The green fluorescent protein (GFP) is a protein that exhibits bright green fluorescence when exposed to light in the blue to ultraviolet range. It is first isolated from the jellyfish *Aequorea victoria* and is frequently used as a reporter of expression. GFP is widely used in gene expression, tracing and protein subcellular localization. This antibody, 2057R, is especially strong at immunofluorescence staining.

We focus on precise protein quantification