

Anti-GFP antibody(Clone No.1A5)

Clone	Cross reactivity	Application notes	Host	Isotype	Storage
1A5	-	WB, ICC, IP	Rat	IgG1, κ	-20°C

BACKGROUND : The green fluorescent protein (GFP) of the jellyfish *Aequorea victoria* is stable, does not require cofactors for activity (any additional cofactors for fluorescence), and can be functionally expressed in different species. Because of its unique properties, GFP is useful as a unique tool that permits the monitoring of gene expression and protein localization in various cells and tissues.

Immunogen Recombinant GST fused GFP protein (full length)

Host Rat

Isotype IgG1, κ

Cross reactivity

Specificity GFP

Application notes Recommended use

WB, ICC, IP Not tested for other applications.

Recommended dilutions

Western blotting, 1/1000 to 1/5000

Immunocytochemistry, 1/100 to 1/500

Optional dilutions/concentrations should be determined by the end user.

Source Culture Supernatant

Purification Ion-exchange chromatography

Form Liquid

Presentation Purified monoclonal antibody in PBS, 50% Glycerol, 0.05%w/v ProClin300

Concentration 1 mg/mL

Volume 100 μ L

Storage Store below -20°C

(below -70°C for prolonged storage)

Aliquot to avoid cycles of freeze/thaw.

References

Data

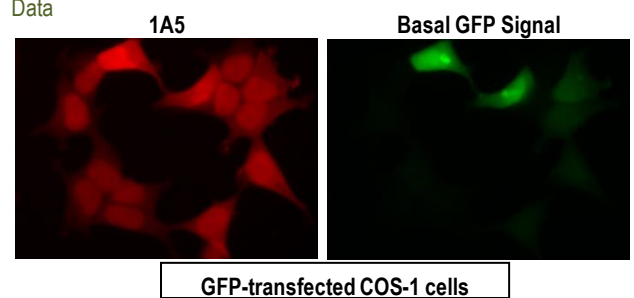


Fig.1 Immunocytochemistry/Immunofluorescence
- GFP antibody (1A5)
GFP-transfected COS-1 cells

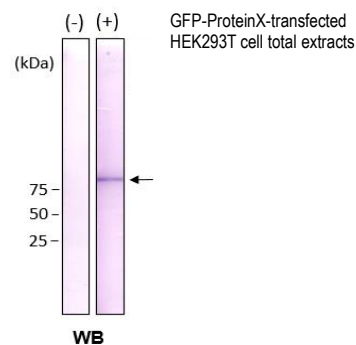


Fig.2 Western blot - GFP antibody (1A5)
GFP-ProteinX-transfected HEK293T cell total extracts

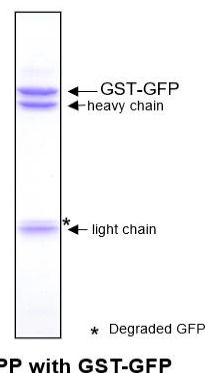


Fig.3 Immunoprecipitation - GFP antibody (1A5)