Datasheet for ABIN2451988

anti-GFP antibody

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Overview

Quantity:	100 µg
Target:	GFP
Reactivity:	Aequorea victoria
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This GFP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunochromatography (IC), ChIP DNA-Sequencing (ChIP-seq)

Product Details

Immunogen:	Recombinant GFP protein
Clone:	1A5
Isotype:	IgG1 kappa
Specificity:	Specific to GFP and GFP-fused proteins
Characteristics:	The antibody was produced from the hybridoma cultured in serum-free medium and purified under mild conditions by propriety chromatography processes.
Purification:	Purified
Sterility:	Sterile filtered

Target Details

Target:	GFP
Alternative Name:	GFP (GFP Products)
Background:	The green fluorescent protein (GFP) is composed of 238 amino acids (26.9 kDa), originally isolated from the jellyfish Aequorea victoria that fluoresces green when exposed to blue light. In cell and molecular biology, the GFP fused gene is frequently used as a reporter of expression and protein localization.
UniProt:	P42212

Application Details

Application Notes:	1. Western blotting: ~1 g/mL 2. Immunoprecipitation 3. Immunocytochemistry 4. Chromatin Immunoprecipitation (ChIP) 5. ELISA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, 50 % glycerol
Preservative:	Azide free
Storage:	-20 °C/-80 °C
Storage Comment:	-20 C (For long term storage: -80 C)

Publications

Product cited in:	SHIMOMURA, JOHNSON, SAIGA: "Extraction, purification and properties of aequorin, a bioluminescent protein from the luminous hydromedusan, Aequorea." in: **Journal of cellular and comparative physiology**, Vol. 59, pp. 223-39 (PubMed).

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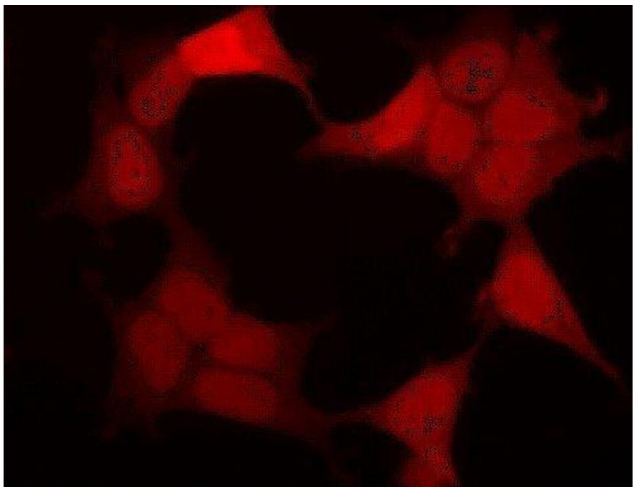
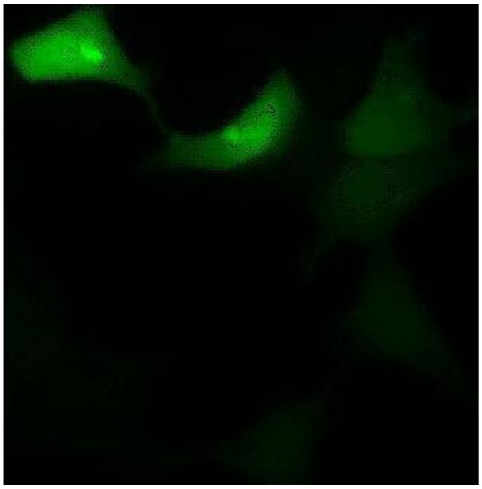


Immunofluorescence

Image 1.



Immunofluorescence

Image 2.

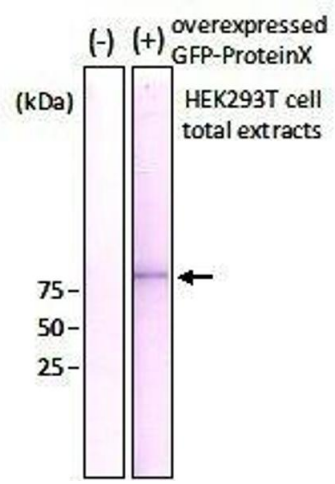


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Image 3.

Please check the product details page for more images. Overall 7 images are available for ABIN2451988.