



[Go to Product page](#)

Datasheet for ABIN2451988

anti-GFP antibody

7 Images

1 Publication

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](#))

Target Type: Viral Protein

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

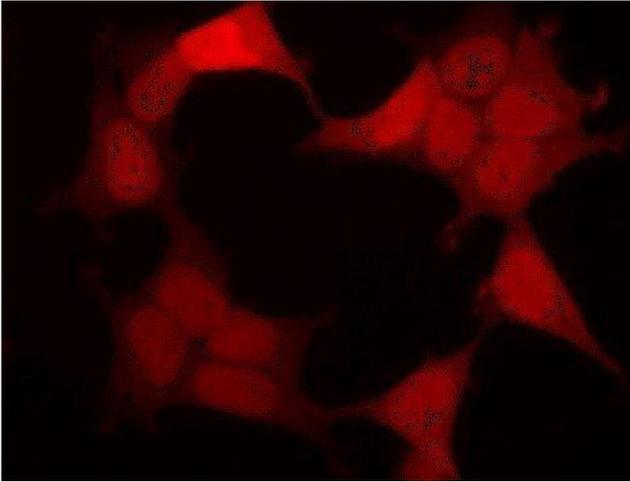
Preservative: Azide free

Storage: -20 °C/-80 °C

Storage Comment: -20 C (For long term storage: -80 C)

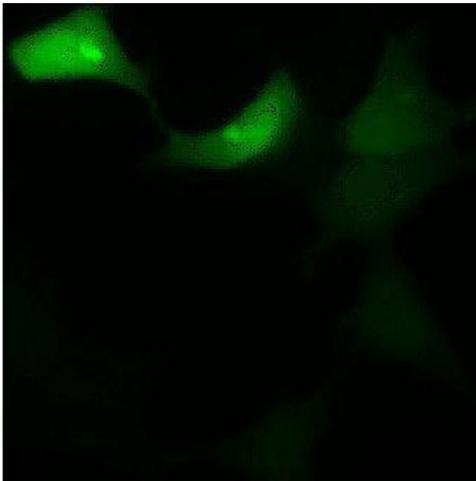
Publications

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](#)).



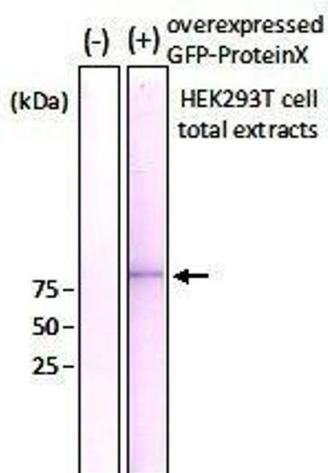
Immunofluorescence

Image 1.



Immunofluorescence

Image 2.



SDS-PAGE

Image 3.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2451988.