

Datasheet for ABIN1107357  
**anti-GFP antibody**



[Go to Product page](#)

4 Images

## Overview

Quantity:	0.1 mL
Target:	GFP
Reactivity:	Aequorea victoria
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GFP antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Clone:	4B10B2
Isotype:	IgG2a
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Purified

## Target Details

Target:	GFP
Alternative Name:	GFP ( <a href="#">GFP Products</a> )
Background:	GFP (Green Fluorescence Protein) is a 27 kDa protein derived from the jellyfish Aequorea victoria, which emits green light when excited by blue light. GFP cDNA produces a fluorescent product when expressed in prokaryotic cells, without the need for exogenous substrates or

## Target Details

cofactors. GFP has become an invaluable tool in cell biology research, since its intrinsic fluorescence can be visualized in living cells. GFP fluorescence is stable under fixation conditions and suitable for a variety of applications. GFP has been widely used as a reporter for gene expression, enabling researchers to visualize and localize GFP-tagged proteins within living cells without the need for chemical staining. Other applications of GFP include assessment of protein protein interactions through the yeast two hybrid system and measurement of distance between proteins through fluorescence energy transfer (FRET) protocols. GFP technology has considerably contributed to a greater understanding of cellular physiology. Synonyms: GFP-Tag, Green fluorescent protein

Molecular Weight: 27 kDa

## Application Details

Application Notes: ELISA: 1/10000.  
Western Blotting: 1/500 - 1/2000.  
Flow Cytometry: 1/200 - 1/400.  
Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.

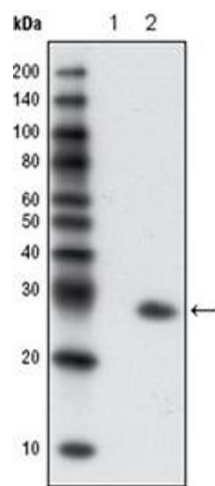
Restrictions: For Research Use only

## Handling

Buffer: PBS, 0.03 % Sodium Azide

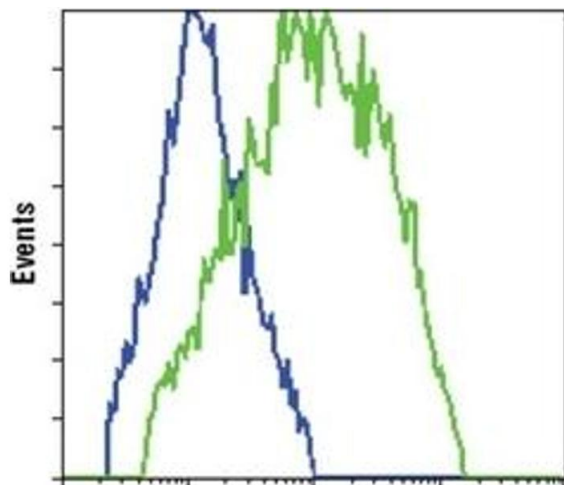
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.



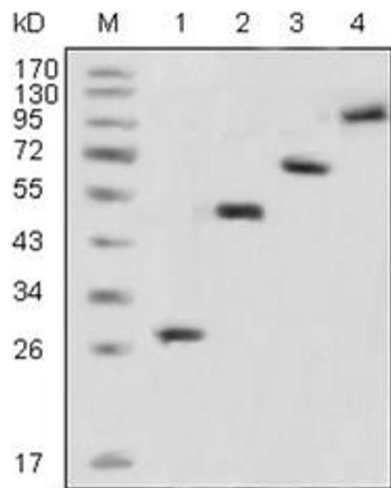
Western Blotting

Image 1.



Flow Cytometry

Image 2.



Western Blotting

Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1107357.