



Datasheet for ABIN7127946

## anti-Myc Tag antibody



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### 3 Images

#### Overview

Quantity:	100 µg
Target:	Myc Tag
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Myc Tag antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), ELISA, Immunofluorescence (IF)

#### Product Details

Immunogen:	EQKLISEEDL (Myc) synthetic peptide conjugate to KLH
Isotype:	IgG1, IgG1 kappa
Purification:	Protein G purified

#### Target Details

Target:	Myc Tag
Abstract:	<a href="#">Myc Tag Products</a>
Target Type:	Tag
Background:	Background: Myc tag is a polypeptide protein tag derived from the c-myc gene product that can be added to a protein. It can help to separate recombinant, overexpressed protein from wild type protein expressed by the host organism. Myc Tag also can be used to isolate protein complexes with multiple subunits. The Myc Tag Antibody is produced by the conjugation of a

## Target Details

synthetic Myc tag peptide to KLH. Myc Tag Antibody can be used in various immunoassays, such as ELISA, Western blotting, immunoprecipitation, immunofluorescence, and more.

Aliases: bHLHe39, c Myc, MRTL, MYC, Myc proto oncogene protein, MYC tag, Proto oncogene c Myc, Transcription factor p64

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:100-1:300, IP:1:1000-1:1500,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

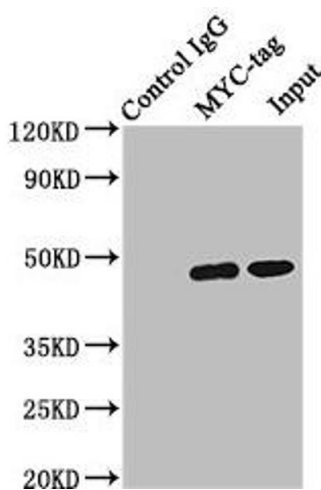
Preservative: ProClin

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

Storage: -20 °C,-80 °C

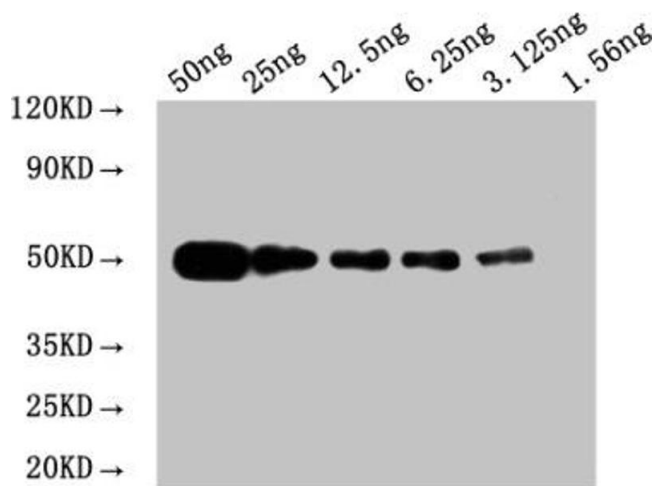
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



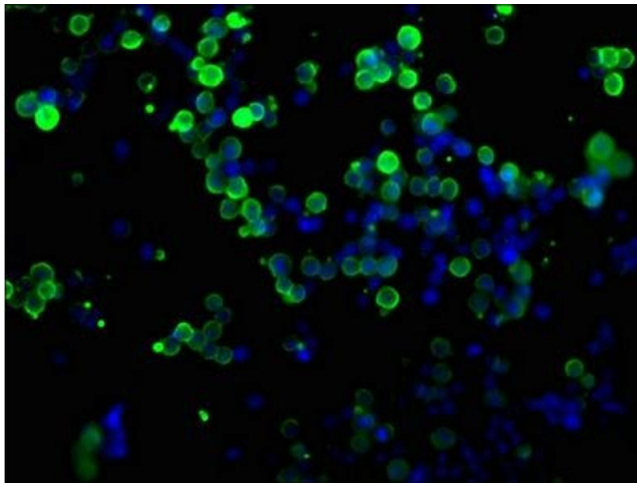
### Western Blotting

**Image 1.** Immunoprecipitating MYC-tag with transfected HEK293 Lane 1: Mouse control IgG (1 µg) instead of ABIN7127946 in transfected HEK293 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7127946 (6 µg) + transfected HEK293 whole cell lysate (1 mg) Lane 3: Transfected HEK293 whole cell lysate (10 µg)



### Western Blotting

**Image 2.** WB: Mouse anti Myc-tagged fusion protein Monoclonal antibody at 1.6 µg/mL Lane 1: Recombinant Myc-tagged fusion protein at 50 ng Lane 2: Recombinant Myc-tagged fusion protein at 25 ng Lane 3: Recombinant Myc-tagged fusion protein at 12.25 ng Lane 4: Recombinant Myc-tagged fusion protein at 6.25 ng Lane 5: Recombinant Myc-tagged fusion protein at 3.125 ng Lane 6: Recombinant Myc-tagged fusion protein at 1.5625 ng Secondary Goat polyclonal to Mouse IgG at 1/50000 dilution Predicted band size: 50 kd Observed band size: 50 kd



### Immunofluorescence

**Image 3.** Immunofluorescence staining of transfected HEK293 cells with ABIN7127946 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).