



[Go to Product page](#)

Datasheet for ABIN104383

anti-Myc Tag antibody

5 Images

3 Publications

Overview

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

Product Details

Immunogen:	This antibody was purified from whole rabbit serum prepared by repeated immunizations with Myc epitope tag peptide, E-Q-K-L-I-S-E-E-D-L, conjugated to KLH using maleimide. The sequence corresponds to amino acids 410-419 of human c-Myc.
Sequence:	EQKLISEEDL
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	Myc Tag
Abstract:	Myc Tag Products
Target Type:	Tag

Target Details

Background: Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the biochemical properties of the tagged protein. Most often, sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag-containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells. Supplier produces anti-epitope tag antibodies against many common epitope tags including Myc, GST, GFP, 6X His, MBP, FLAG and HA. Supplier also produces antibodies to other tags including FITC, Rhodamine (TRITC), DNP and biotin.

Application Details

Application Notes: Anti-Myc has utility to detect the fusion protein of the Myc epitope cloned along with the target gene. As such, anti-Myc/Myc can be used to identify fusion proteins containing the Myc epitope. The antibody recognizes the Myc tag fused either to the AMINO- or CARBOXY- termini of targeted proteins. This antibody is suitable for ELISA and western blotting and was tested against both the immunizing peptide and Myc-tagged recombinant proteins. Although not tested, this antibody is likely functional for immunoprecipitation and immunocytochemistry.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

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

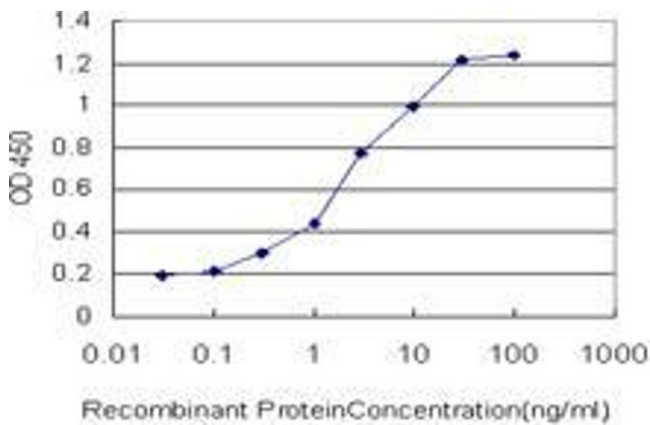
Storage: -20 °C

Product cited in: Yue, Nabar, Shi, Kamenyeva, Xiao, Hwang, Wang, Kehrl: "SARS-Coronavirus Open Reading Frame-3a drives multimodal necrotic cell death." in: **Cell death & disease**, Vol. 9, Issue 9, pp. 904, (2018) ([PubMed](#)).

Fujikawa, Matsumoto, Kuboyama, Suzuki, Noda: "Specific dephosphorylation at tyr-554 of git1 by ptpz promotes its association with paxillin and hic-5." in: **PLoS ONE**, Vol. 10, Issue 3, pp. e0119361, (2016) ([PubMed](#)).

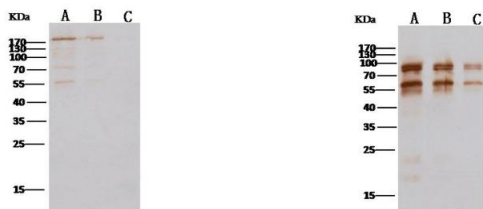
Sorensen, Conner: "γ-secretase-dependent cleavage initiates notch signaling from the plasma membrane." in: **Traffic (Copenhagen, Denmark)**, Vol. 11, Issue 9, pp. 1234-45, (2011) ([PubMed](#)).

Images



ELISA

Image 1. Detection limit for recombinant GST tagged CENPJ is approximately 0.03ng/ml as a capture antibody.

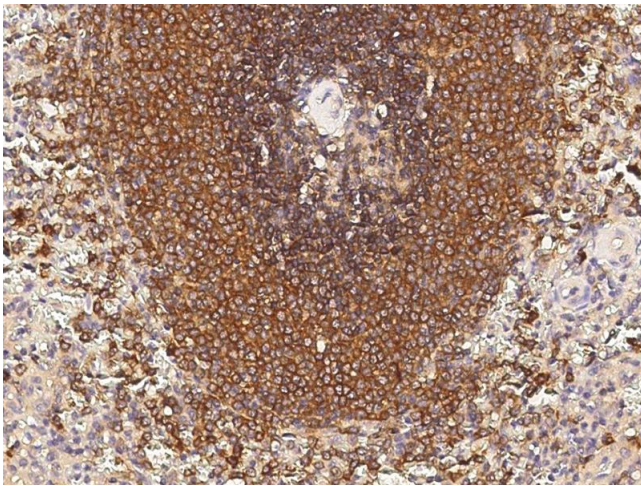


Western Blotting

Image 2. MERS-CoV CoV Spike glycoprotein Western blot (WB) 6748

Lanes	A	B	C
Sample (Protein)	SH (2C-EMC) (1-1207) 全长		
Sample Volume (ng/lane)	5	1	0.2
Gel	13% SDS-PAGE reducing gel		
Recommended Concentration	0.5-1 µg/ml		
Secondary Antibody	Goat anti Rabbit IgG (H+L)/HRP, 0.4µg/ml.		

Lanes	A	B	C
Sample (Protein)	S2h (2C-EMC)		
Sample Volume (ng/lane)	10	5	2
Gel	13% SDS-PAGE reducing gel		
Recommended Concentration	0.2-0.5 µg/ml		
Secondary Antibody	Goat anti Rabbit IgG (H+L)/HRP, 0.4µg/ml.		



Immunohistochemistry

Image 3. Immunochemical staining of human CD22 in human spleen with mouse monoclonal antibody (15 µg/mL, formalin-fixed paraffin embedded sections).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN104383.