

Datasheet for ABIN7158974
anti-MASP2 antibody (AA 189-314)



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2 Images

Overview

Quantity:	100 µg
Target:	MASP2
Binding Specificity:	AA 189-314
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MASP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Mannan-binding lectin serine protease 2 protein (189-314AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MASP2
Alternative Name:	MASP2 (MASP2 Products)
Background:	Background: Serum protease that plays an important role in the activation of the complement system via mannose-binding lectin. After activation by auto-catalytic cleavage it cleaves C2 and

Target Details

C4, leading to their activation and to the formation of C3 convertase.

Aliases: MASP2Mannan-binding lectin serine protease 2 antibody, EC 3.4.21.104 antibody, MBL-associated serine protease 2 antibody, Mannose-binding protein-associated serine protease 2 antibody, MASP-2) [Cleaved into: Mannan-binding lectin serine protease 2 A chain, Mannan-binding lectin serine protease 2 B chain] antibody

UniProt: [O00187](#)

Pathways: [Complement System](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

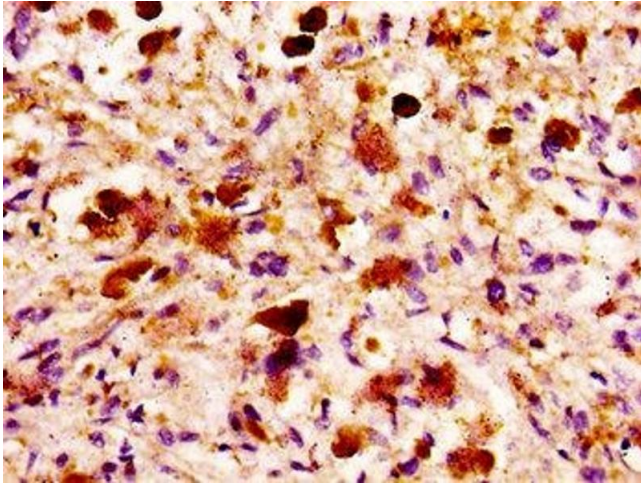
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

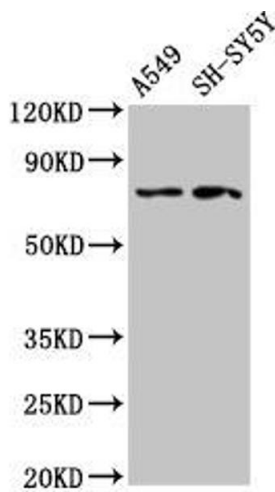
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7158974 diluted at 1:100 and staining in paraffin-embedded human melanoma performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate, SH-SY5Y whole cell lysate All lanes: MASP2 antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 76, 21 kDa Observed band size: 76 kDa