.-online.com antibodies

# Datasheet for ABIN905748 anti-MASP1 antibody (AA 20-120) (Alexa Fluor 555)



Overview

Quantity:	100 µL
Target:	MASP1
Binding Specificity:	AA 20-120
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MASP1 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MASP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	MASP1
Alternative Name:	Masp (MASP1 Products)
Background:	Synonyms: 3MC1, MAP1, MASP, RaRF, CRARF, MASP3, MAp44, PRSS5, CRARF1, Mannan-

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN905748 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

	binding lectin serine protease 1, Complement factor MASP-3, Complement-activating
	component of Ra-reactive factor, Mannose-binding lectin-associated serine protease 1, MASP-
	1, Mannose-binding protein-associated serine protease, Ra-reactive factor serine protease
	p100, Serine protease 5, MASP1
	Background: Functions in the lectin pathway of complement, which performs a key role in
	innate immunity by recognizing pathogens through patterns of sugar moieties and neutralizing
	them. The lectin pathway is triggered upon binding of mannan-binding lectin (MBL) and ficolins
	to sugar moieties which leads to activation of the associated proteases MASP1 and MASP2.
	Functions as an endopeptidase and may activate MASP2 or C2 or directly activate C3 the key
	component of complement reaction. Isoform 2 may have an inhibitory effect on the activation
	of the lectin pathway of complement or may cleave IGFBP5.
Gene ID:	5648
UniProt:	P48740
Pathways:	Complement System

### Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/2 | Product datasheet for ABIN905748 | 03/07/2024 | Copyright antibodies-online. All rights reserved.