

Datasheet for ABIN1536127

anti-MASP1 antibody (Cleaved-Arg448)



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1 Image

Overview

Quantity:	100 µL
Target:	MASP1
Binding Specificity:	AA 399-448, Cleaved-Arg448
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MASP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MASP1.
Isotype:	IgG
Specificity:	MASP1 (heavy chain,Cleaved-Arg448) Antibody detects endogenous levels of fragment of activated MASP1 resulting from cleavage adjacent to Arg448.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	MASP1
Alternative Name:	MASP1 (MASP1 Products)

Target Details

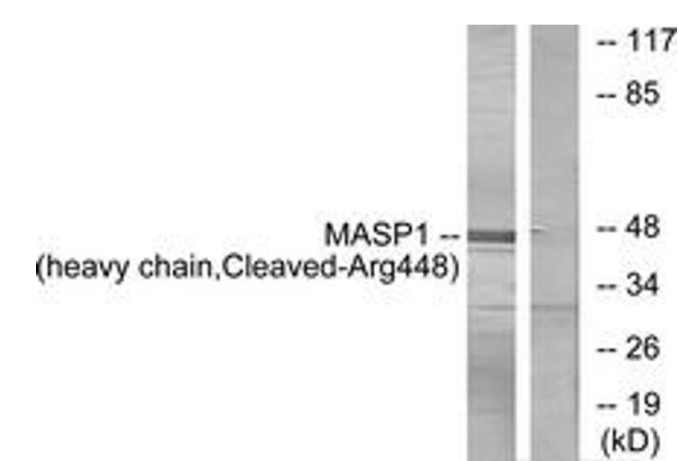
Background:	Synonyms: complement-activating component of Ra-reactive factor, CRARF, CRARF1, manan-binding lectin serine protease-1, mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor), mannan-binding lectin serine protease 1 (C4/C2 activ NCBI Gene Symbol: MASP1
Molecular Weight:	47 kDa
Gene ID:	5648
OMIM:	600521
UniProt:	P48740
Pathways:	Complement System

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:10000
Comment:	Unigene-Number: Hs.89983 (NCBI Gene Symbol: MASP1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from A549 cells, treated with etoposide 25uM 24h, using MASP1 (heavy chain,Cleaved-Arg448) Antibody. The lane on the right is treated with the synthesized peptide.