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anti-NUMA1 antibody (AA 1700-2115)

2 Images



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Overview

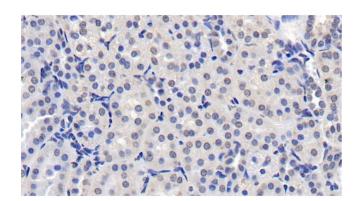
Quantity:	100 μL
Target:	NUMA1
Binding Specificity:	AA 1700-2115
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NUMA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Nuclear Mitotic Apparatus Protein 1 (NUMA1)
Immunogen:	Recombinant Nuclear Mitotic Apparatus Protein 1 (NUMA1) corresdonding to Phe1700~His2115 with N-terminal His Tag
Clone:	C4
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against NUMA1. It has been selected for its ability to recognize NUMA1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

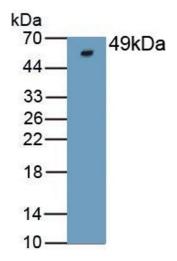
Target Details

rarget Details	
Target:	NUMA1
Alternative Name:	Nuclear Mitotic Apparatus Protein 1 (NUMA1 Products)
Background:	NMP22, NUMA, Nuclear matrix protein-22, SP-H antigen
Pathways:	Caspase Cascade in Apoptosis, Regulation of Actin Filament Polymerization, M Phase
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of NUMA1 in Human Kidney Tissue using Monoclonal Antibody to Nuclear Mitotic Apparatus Protein 1 (NUMA1)



Western Blotting

Image 2. Detection of Recombinant NUMA1, Human using Monoclonal Antibody to Nuclear Mitotic Apparatus Protein 1 (NUMA1)