Datasheet for ABIN966706

anti-NUMA1 antibody (Cytoplasmic, Nuclear)

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Overview

Quantity:	0.5 mL
Target:	NUMA1
Binding Specificity:	Cytoplasmic, Nuclear
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NUMA1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Live Ls 174T cells (colon carcinoma).
Clone:	3-3A
Isotype:	IgM
Specificity:	Reacts with an intracellular 228 kDa protein found inthe nucleus during interphase.
Purification:	Concentrated.

Target Details

Target:	NUMA1
Alternative Name:	NuMA (NUMA1 Products)

Target Details

Molecular Weight:	228 kDa
Gene ID:	4926
Pathways:	Caspase Cascade in Apoptosis, Regulation of Actin Filament Polymerization, M Phase

Application Details

Application Notes:	Immunohistochemistry: 1:50-1:100 on frozen and formalin-fixed paraffin-embedded tissue sections. (For paraffin sections high temp. antigen demasker, 10mM citrate, pH 6.0, is required, (boiling tissue for 10 mins, followed by cooling for 10-20 mins). Western Blot 1:100-1:300. Staining Procedure: This antibody can be used on frozen and formalin tissue sections. Formalin-fixed paraffin-embdded tissue sections require, boilng the tisssue in 10 mM citrate buffer, pH 6.0 for 10-20 mins. followed by cooling to Rt for 10-20 mins. This step is done prior to antibody. The antibody may be used at a dilution of 1:50-1:100 in IHC. The optimal conditions should be determined by the individual laboratory.
Comment:	Recommended Positive Control: Tonsil, Thymus, Spleen
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.2 mg/ml.
Buffer:	20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, pH 7.5
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:	4 °C

Publications

Product cited in:	Helisalmi, Väkevä, Hiltunen, Soininen: "Flanking markers of cystatin c (CST3) gene do not show association with Alzheimer's disease." in: **Dementia and geriatric cognitive disorders**, Vol. 27, Issue 4, pp. 318-21, (2009) (PubMed).

Rehman, Fought, Solomon: "N-acetylcysteine effect on serum creatinine and cystatin C levels in CKD patients." in: **Clinical journal of the American Society of Nephrology : CJASN**, Vol. 3, Issue 6, pp. 1610-4, (2008) (PubMed).