

For Research Use Only

NASP Monoclonal antibody

Catalog Number: 68710-1-Ig



Basic Information

Catalog Number: 68710-1-Ig	GenBank Accession Number: BC010105	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4678	CloneNo.: 1A1A1
Source: Mouse	UNIPROT ID: P49321	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: nuclear autoantigenic sperm protein (histone-binding)	
Immunogen Catalog Number: AG1824	Calculated MW: 788 aa, 85 kDa	
	Observed MW: 150 kDa, 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, Ramos cells, U2OS cells
Species Specificity: Human	

Background Information

NASP (nuclear autoantigenic sperm protein) is associated with DNA replication, cell proliferation and cell cycle progression through functioning as a Histone H1 binding protein that mediates histone transport to the nucleus. NASP had two isoforms, tNASP (testis type) and sNASP (somatic type). The tNASP was mainly expressed in testis, a variety of malignant tumors, stem cells and embryonic tissues, while sNASP existed in all somatic mitosis cells. This antibody can recognize both isoforms.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

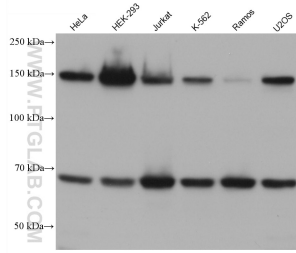
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68710-1-Ig (NASP antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.