

For Research Use Only

NASP Monoclonal antibody, PBS Only

Catalog Number: 68710-1-PBS



Basic Information

Catalog Number:

68710-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1824

GenBank Accession Number:

BC010105

GeneID (NCBI):

4678

UNIPROT ID:

P49321

Full Name:

nuclear autoantigenic sperm protein (histone-binding)

Calculated MW:

788 aa, 85 kDa

Observed MW:

150 kDa, 70 kDa

Purification Method:

Protein G purification

CloneNo.:

1A1A1

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS Only

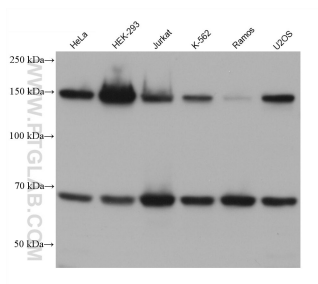
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 68710-1-PBS in a different storage buffer formulation.