

NASP Monoclonal antibody

Catalog Number: 68710-1-Ig

Basic Information

Catalog Number:

68710-1-Ig

Size:

1000 µg/ml

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

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells,
Ramos cells, U2OS cells

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:

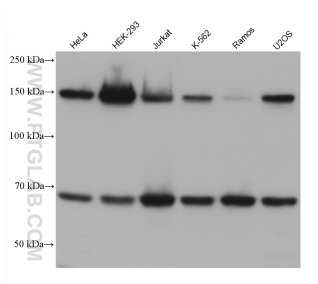
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.