

SMN1 monoclonal antibody

Catalog: MB21479

Host: Mouse

Reactivity: Human, Monkey

BackGround:

This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. The telomeric and centromeric copies of this gene are nearly identical and encode the same protein.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

39kDa

Swiss-Prot:

Q16637

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

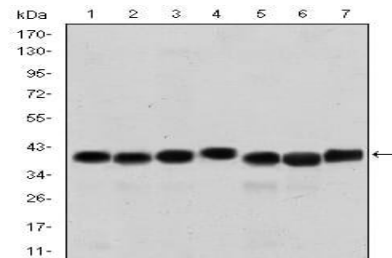
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

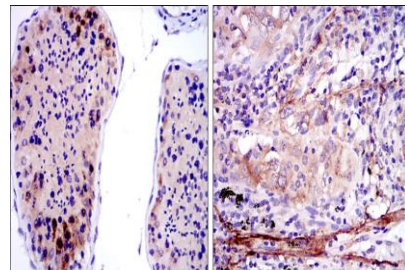
Isotype:

Mouse IgG1

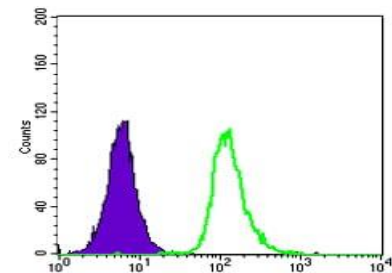
DATA:



Western blot analysis using SMN1 mouse mAb against HepG2 (1), Hela (2), K562 (3), Jurkat (4), SKBR-3 (5), A431 (6) and Cos7 (7) cell lysate.



Immunohistochemical analysis of paraffin-embedded human testis tissues (left) and lung cancer tissues (right) using SMN1 mouse mAb with DAB staining.



Flow cytometric analysis of HepG2 cells using SMN1 mouse mAb (green) and negative control (purple).

Note:

For research use only, not for use in diagnostic procedure.

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