Mouse SMN1 Antibody | anti-SMN1 antibody

SMN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108563	**Mouse**	**Human, Monkey**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

SMN1; SMN1 Antibody; SMA; SMN; SMA1; SMA2; SMA3; SMA4; SMN2; SMNT; BCD541; T-BCD541; anti-SMN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Isotype	IgG1
Clone Number	5H1
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	294
Applicable Applications for anti-SMN1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human SMN1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at-20 degree C.

IMAGES

Application Data

IHC (Immunohiostchemistry)
Figure 2: Immunohistochemical analysis of paraffin-embedded breast cancer tissues (left) and testis tissues (right) using SMN1 mouse mAb with DAB staining.

WB (Western Blot)
Figure 1: Western blot analysis using SMN1 mouse mAb against RAJI (1), Cos7 (2), Jurkat (3), K562 (4), Hela (5) and HepG2 (6) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-SMN1 antibody	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 Categories/Family for anti-SMN1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507091
NCBI GeneID	6606
NCBI Accession #	NP_000335.1
NCBI GenBank Nucleotide #	NM_000344.3
UniProt Accession #	Q16637; Q13119; Q549U5; Q96J51; A8K0V4
Molecular Weight	39kDa
NCBI Official Full Name	survival motor neuron protein isoform d
NCBI Official Synonym Full Names	survival of motor neuron 1, telomeric
NCBI Official Symbol	SMN1
NCBI Official Synonym Symbols	SMA; SMN; SMA1; SMA2; SMA3; SMA4; SMA@; SMNT; BCD541; GEMIN1; TDRD16A; T-BCD541
NCBI Protein Information	survival motor neuron protein
UniProt Protein Name	Survival motor neuron protein
UniProt Gene Name	**SMN1**
UniProt Synonym Gene Names	SMN; SMNT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/mouse-human-monkey-antibody/smn1/108563