Mouse anti-Human SMN2 Monoclonal Antibody | anti-SMN2 antibody

SMN2 (Survival Motor Neuron Protein, Component of Gems 1, SMN1, Gemin-1, SMN, SMNT, SMNC, FLJ76644, MGC20996, MGC5208) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25254	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

SMN2; Monoclonal Antibody; SMN2 (Survival Motor Neuron Protein; Component of Gems 1; SMN1; Gemin-1; SMN; SMNT; SMNC; FLJ76644; MGC20996; MGC5208) (FITC); anti-SMN2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2B11-2A9
Specificity	Recognizes human SMN2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Sequence Length	1442
Applicable Applications for anti-SMN2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 1-10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-283 from human SMN2 (AAH00908) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAMSSGGSGGGVPEQEDSVLFRRGTGQSDDSDIWDDTALIKAYDKAVASFKHALKNGDICETSGKPKTTPKRKPAKKNKSQKKNTAASLQQWKVGDKC
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor original vial after thawing and prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged SMN2 is ~0.3ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to SMN2 on HeLa cell. [antibody concentration 1-10ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to SMN2 on formalin-fixed paraffin-embedded human heart tissue. [antibody concentration 1-10ug/ml].

WB (Western Blot)
SMN2 monoclonal antibody, Western Blot analysis of SMN2 expression in IMR-32.

WB (Western Blot)
SMN2 monoclonal antibody. Western Blot analysis of SMN2 expression in human colon.

WB (Western Blot)
Western Blot detection against Immunogen (57.13kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMN2 antibody	Antibodies; RNA Processing

NCBI AND UNIPROT INFORMATION

NCBI GI #	13111817
NCBI GeneID	6607
NCBI Official Full Name	Homo sapiens survival of motor neuron 2, centromeric, mRNA
NCBI Official Synonym Full Names	survival of motor neuron 2, centromeric
NCBI Official Symbol	SMN2
NCBI Official Synonym Symbols	SMNC; BCD541; GEMIN1; TDRD16B; C-BCD541
NCBI Protein Information	survival motor neuron protein

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/monoclonal/smn2-antibody-clone-2b11-2a9-immunofluorescence-immunohistochemistry-western-blot-elisa/25254