

Anti-SMN1 SMN1SMN2 Monoclonal Antibody

Catalog Number: M33972

About SMN1SMN2

BIN-3 encodes an evolutionarily conserved and ubiquitously expressed member of the BAR superfamily of curved membrane and GTPase-binding proteins implicated in signal transduction and vesicular trafficking. In humans, Bin3 maps to chromosome 8p21.3, a region widely implicated in cancer suppression that is often deleted in non-Hodgkin's lymphomas and various epithelial tumors. Study in mouse suggests that homozygous inactivation of Bin3 causes cataracts and an increased susceptibility to lymphomas during aging.

Overview

Product Name	Anti-SMN1 SMN1SMN2 Monoclonal Antibody
Reactive Species	Human, Monkey
Description	Boster Bio Anti-SMN1 SMN1SMN2 Monoclonal Antibody catalog # M33972. Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human, Monkey.
Application	ELISA, Flow Cytometry, IHC, WB
Clonality	Monoclonal 2F1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P12532

Technical Details

Immunogen	Purified recombinant fragment of human SMN1 expressed in E. Coli.
Predicted Reactive Species	Chimpanzee, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Affinity purification
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC 1:200-1:1000

FC 1:200-1:400

ELISA 1:10000

Anti-SMN1 SMN1SMN2 Monoclonal Antibody (M33972) Images

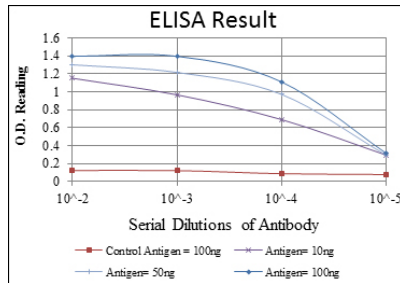


Figure 4. ELISA validation of SMN1SMN2 using Anti-SMN1 SMN1SMN2 Monoclonal Antibody (M33972).

ELISA analysis of SMN1 antibody.

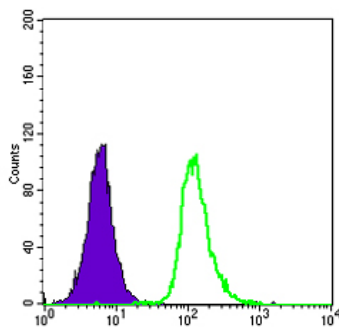


Figure 3. Flow Cytometry validation of SMN1SMN2 using Anti-SMN1 SMN1SMN2 Monoclonal Antibody (M33972).

Flow cytometric (FCM) analysis of HepG2 cells using SMN1 Monoclonal Antibody (green) and negative control (purple).

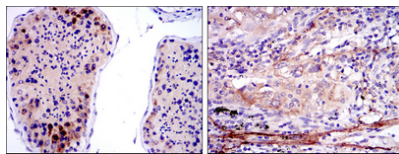


Figure 2. Immunohistochemistry validation of SMN1SMN2 using Anti-SMN1 SMN1SMN2 Monoclonal Antibody (M33972).

Immunohistochemistry (IHC) analysis of paraffin-embedded testis tissues (left) and Lung Cancer Tissues (right) with DAB staining using SMN1 Monoclonal Antibody. For more protocol information of IHC

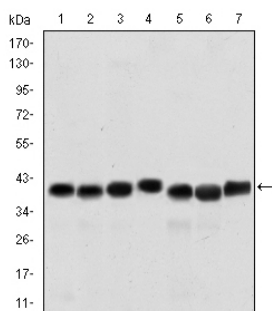


Figure 1. Western blotting validation for Anti-SMN1 SMN1SMN2 Monoclonal Antibody M33972

Western Blot (WB) analysis using SMN1 Monoclonal Antibody against HepG2 (1)

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