

Mouse Monoclonal Antibody to SMN1

Catalogue Number	sAP-0572
Target Molecule	<p>Name: SMN1</p> <p>Aliases: SMA; SMN; SMA1; SMA2; SMA3; SMA4; SMA@; SMN2; SMNT; BCD541; T-BCD541</p> <p>MW: 39kDa</p> <p>Entrez Gene ID: 6606</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human SMN1 expressed in E. Coli. ;
Recitative Species	Human; Monkey
Clone	MM5H1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Med Genet. 2009 Sep;46(9):641-4. ; 2. RNA. 2009 Apr;15(4):515-23.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**