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Datasheet for ABIN108566

## anti-SMN1 antibody

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### Overview

Quantity:	0.1 mL
Target:	SMN1
Reactivity:	Human, Mouse, Xenopus laevis
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SMN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Flow Cytometry (FACS)

### Product Details

Immunogen:	Purified recombinant His 6 tagged-SMN protein (human)
Clone:	2B1
Isotype:	IgG1
Purification:	Protein A

### Target Details

Target:	SMN1
Alternative Name:	Gemin 1 ( <a href="#">SMN1 Products</a> )
Background:	Synonyms: BCD541 antibody,Gemin 1 antibody,Gemin-1 antibody,Gemin1

## Target Details

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antibody,OTTHUMP00000125198antibody,OTTHUMP00000223567  
antibody,OTTHUMP00000223568  
antibody,OTTHUMP00000224066antibody,OTTHUMP00000226924 antibody,SMA 1  
antibody,SMA 2 antibody,SMA 3 antibody,SMA 4 antibody,SMAantibody,SMA@ antibody,SMA1  
antibody,SMA2 antibody,SMA3 antibody,SMA4 antibody,SMN 1 antibody,SMNantibody,SMN-1  
antibody,SMN1 antibody,SMNT antibody,Survival motor neuron protein antibody,Survival  
of motor neuron 1 (telomeric) antibody,survival of motor neuron 1 antibody,Survival of motor  
neuron 1, telomericantibody,T-BCD541 antibody

Gene ID: 6606, 6607, 20595

OMIM: 600354

UniProt: [Q16637](#), [P97801](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

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Application Notes: Optimal antibody dilution should be determined by titration, however as a guideline try at IHC-P:  
Use a concentration of 5 µg/mL. Perform heat mediated antigen retrieval with citrate buffer pH  
6 before commencing with IHC staining protocolWB: Use at an assay dependent dilution.  
Detects a band of approximately 42 kDa (predicted molecular weight: 35 kDa)Flow Cyt: Use 1 µ  
g for 10<sup>6</sup> cells.

Comment: Myeloma, fusion partners: A/J Sp2/0 cell line,

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: Purified antibody (from supernatant) containing PBS 0.1 % sodium azide,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which  
should be handled by trained staff only.

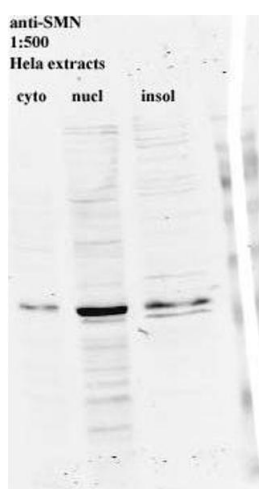
Storage: 4 °C

## Publications

Product cited in: Dolezalová, Vojtšek, Kovarík: "Epitope analysis of the human p53 tumour suppressor protein." in: **Folia biologica**, Vol. 43, Issue 1, pp. 49-51, (1997) ([PubMed](#)).

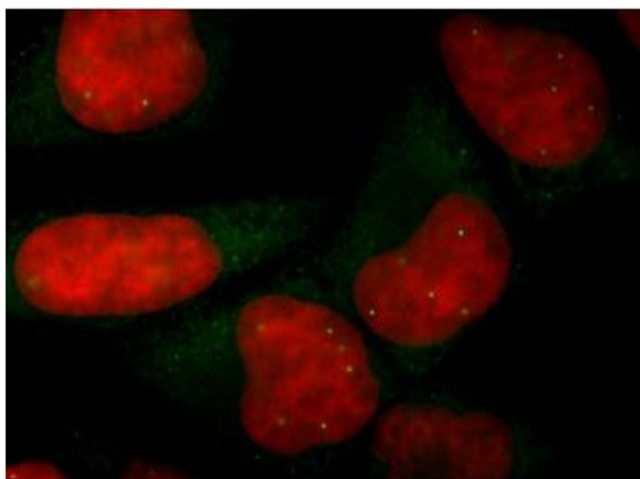
Bártková, Bártek, Lukás, Vojtšek, Stasková, Rejthar, Kovarík, Midgley, Lane: "p53 protein alterations in human testicular cancer including pre-invasive intratubular germ-cell neoplasia." in: **International journal of cancer. Journal international du cancer**, Vol. 49, Issue 2, pp. 196-202, (1991) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** Western blot for SMN on HeLa cell extracts



**Image 2.**