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## Summary

<b>Production Name</b>	SMN (2F1) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC-P,FC,IP
<b>Reactivity</b>	Human,Monkey

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Ascitic Fluid

## Immunogen

<b>Gene Name</b>	SMN1
<b>Alternative Names</b>	SMN1; SMN; SMNT; SMN2; SMNC; Survival motor neuron protein; Component of gems 1; Gemin-1
<b>Gene ID</b>	6606
<b>SwissProt ID</b>	Q16637

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 FC: 1/50-1/100
<b>Molecular Weight</b>	Calculated MW: 32 kDa; Observed MW: 39 kDa

## Background

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**Product Name: SMN (2F1) Mouse Monoclonal Antibody**  
**Catalog #: AMM00855**

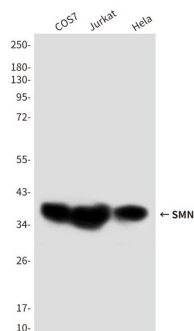


The SMN complex plays an essential role in spliceosomal snRNP assembly in the cytoplasm and is required for pre-mRNA splicing in the nucleus. It may also play a role in the metabolism of snoRNPs.

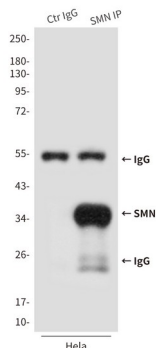
## Research Area

Neuroscience

## Image Data



Western blot analysis of Gemin 1 in COS7, Jurkat and HeLa lysates using Gemin 1 antibody.



Immunoprecipitation analysis of SMN (2F1) in HeLa lysates using Gemin 1 antibody.

## Note

For research use only.