

**Anti-SMN2 antibody (1-197) (STJ114393)**  
STJ114393

**GENERAL INFORMATION**

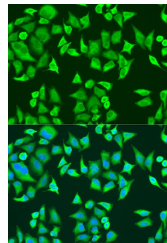
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

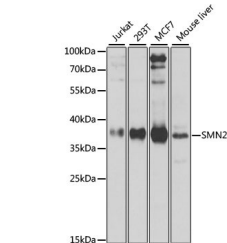
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

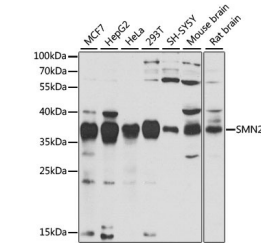
<b>Gene ID</b>	6606/6607
<b>Gene Symbol</b>	SMN1.SMN2
<b>Uniprot ID</b>	SMN_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-197
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-197 of human SMN2 (NP_059107.1).
<b>Immunogen Sequence</b>	MAMSSGGSGGGVPEQEDSVL FRRGTGQSDDDSIWDDTALI KAYDKAVASFKHALKNGDIC ETSGKPKTTPKRKPAKKNKS QKKNTAASLQQWKVGDKCSA IWSEDGCIYPATIASIDFKR ETCVVVYTGYNREEQNLSL LSPICEVANNIEQNAQENE NESQVSTDESENSRSPGNKS DNIKPSAPWNSFLPPP



Immunofluorescence analysis of U2OS cells using SMN2 antibody (STJ114393) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using SMN2 antibody (STJ114393) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.



Western blot analysis of extracts of various cell lines, using SMN2 antibody (STJ114393) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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