

## SP2 antibody

**Cat. No. GTX129030**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P, IP
<b>Reactivity</b>	Human

**Package**  
100 µl, 25 µl

### APPLICATION

#### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

**Calculated MW** 65 kDa. ( [Note](#) )

### PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.65 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human SP2. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

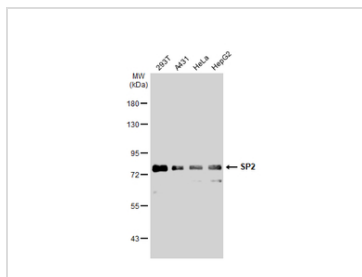
#### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

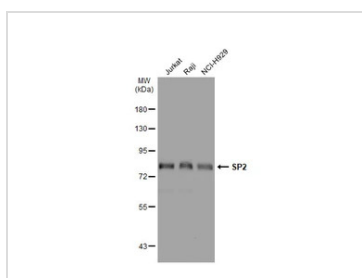
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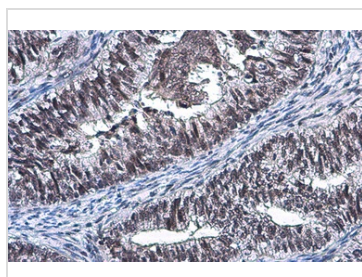
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**DATA IMAGES**

**GTX129030 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SP2 antibody (GTX129030) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX129030 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SP2 antibody (GTX129030) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

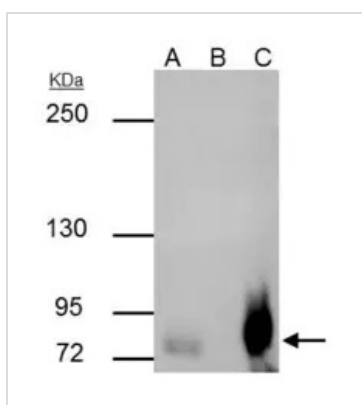

**GTX129030 IHC-P Image**

SP2 antibody detects SP2 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human endometrial carcinoma.

SP2 stained by SP2 antibody (GTX129030) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX129030 IP Image**

SP2 antibody immunoprecipitates SP2 protein in IP experiments. IP Sample: Raji whole cell lysate/extract A : 30 µg whole cell lysate/extract of SP2 protein expressing Raji cells B : Control with 3 µg of pre-immune rabbit IgG C : Immunoprecipitation of SP2 by 3 µg of SP2 antibody (GTX129030) 5% SDS-PAGE The immunoprecipitated SP2 protein was detected by SP2 antibody (GTX129030) diluted at 1 : 500. EasyBlot anti-rabbit IgG (HRP) (GTX221666-01) was used as a secondary reagent.



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