

## Anti-AGO2 antibody (47-115) (STJ29944)

STJ29944

### GENERAL INFORMATION

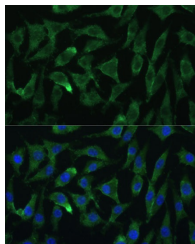
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

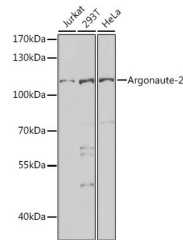
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based 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>	27161
<b>Gene Symbol</b>	AGO2
<b>Uniprot ID</b>	AGO2_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	47-115
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 47-115 of human Argonaute-2 (NP_036286.2).
<b>Immunogen Sequence</b>	MDIPKIDYHYELDIKPEKC PRRVNREIVHEMVQHFKTQI FGDRKPVFDGRKNLYTAMPL PIGRDKVEL



Immunofluorescence analysis of L929 cells using Argonaute-2 Polyclonal Antibody (STJ29944) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using Argonaute-2 antibody (STJ29944) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.