

## Anti-ASH2L antibody (529-628) [S4MR] (STJ11102184)

STJ11102184

### GENERAL INFORMATION

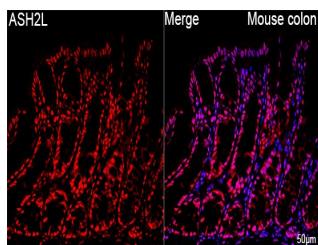
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	WB/IHC-P/IF/ICC/ELISA
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

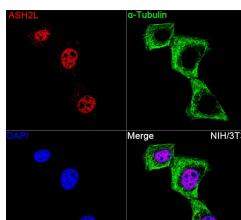
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S4MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200
<b>ELISA</b>	Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 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

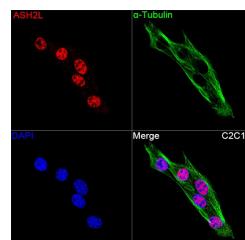
<b>Gene ID</b>	9070
<b>Gene Symbol</b>	ASH2L
<b>Uniprot ID</b>	ASH2L_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	529-628
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 529-628 of human ASH2L (Q9UBL3).
<b>Immunogen Sequence</b>	AEKSLKQTPHSEIIFYKNGV NQGVAYKDFEGVYFPAISL YKSCTVSINFPCFKYPKPKD LYRPMNSDMGWGAVVEHTLA DVLYHVETEVGDGRSSPPWEP



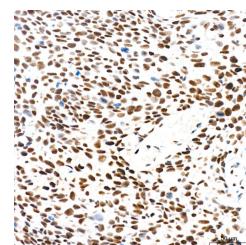
Confocal imaging of paraffin-embedded Mouse colon tissue using ASH2L Rabbit monoclonal antibody (STJ11102184, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Confocal imaging of NIH/3T3 cells using ASH2L Rabbit monoclonal antibody (STJ11102184, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin. Mouse monoclonal antibody (dilution 1:400) followed by incubation with AB1010® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 40x.



Confocal imaging of C2C12 cells using ASH2L Rabbit monoclonal antibody (STJ11102184, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin. Mouse monoclonal antibody (dilution 1:400) followed by incubation with AB1010® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunohistochemistry analysis of ASH2L in paraffin-embedded human cervix cancer tissue using ASH2L Rabbit monoclonal antibody (STJ11102184) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.