

## Anti-ACAN antibody (761-861) [S1MR] (STJ11101391)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

### PRODUCT PROPERTIES

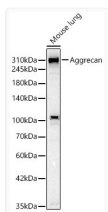
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:4000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 261kDa Observed Mw: 261kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

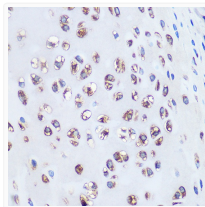
Gene ID	<a href="#">176</a>
Gene Symbol	<a href="#">ACAN</a>
UniProt ID	<a href="#">PGCA_HUMAN</a>
Immunogen Region	761-861
Immunogen Sequence	WPPTGAATEESTEGPSATEV PSASEEPPSPSEVPFPSEEPS PSEEPFPSVRPFPSVELFPS EFPFSPKEPSPSEEPSASEE PYTPSPVPVSWTELPSSGEE S
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 761-861 of human Aggrecan (P16112).

### ADDITIONAL INFORMATION

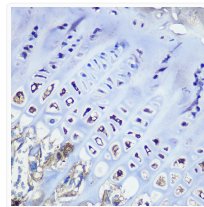
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of mouse lung, using Aggrecan rabbit monoclonal antibody (STJ11101391) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded rat bone marrow using Aggrecan rabbit monoclonal antibody (STJ11101391) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse bone marrow using Aggrecan rabbit monoclonal antibody (STJ11101391) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.