Anti-LGALS3 antibody (1-100) [S0MR] (STJ11101290)
STJ11101290

GENERAL INFORMATION
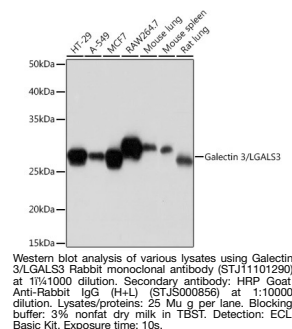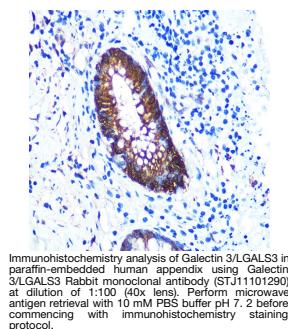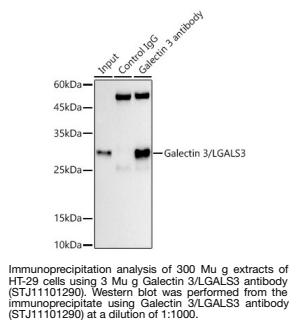
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	S0MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000
	IHC-P:1:200-1:800
	IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirement
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
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	3958
Gene Symbol	LGALS3
Uniprot ID	LEG3_HUMAN
Immunogen	
Immunogen Region	1-100
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Galectin 3/LGALS3 (P17931).
Immunogen Sequence	MADNFSLHDALSGSGNPNPQ GWPGAWGNQPAGAGGYPGAS YPGAYPGQAPPGAYPGQAPP GAYPGAPGAYPGAPAPGVYP GPPSGPGAYPSSGQPSATGA

Immunoprecipitation analysis of 300 Mu g extracts of HT-29 cells using 3 Mu g Galectin 3/LGALS3 antibody (STJ11101290). Western blot was performed from the immunoprecipitate using Galectin 3/LGALS3 antibody (STJ11101290) at a dilution of 1:1000.

Immunohistochemistry analysis of Galectin 3/LGALS3 in paraffin-embedded human appendix using Galectin 3/LGALS3 Rabbit monoclonal antibody (STJ11101290) 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.

Western blot analysis of various lysates using Galectin 3/LGALS3 Rabbit monoclonal antibody (STJ11101290) at 1¼1000 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: 10s.