

Anti-LGALS1 antibody (1-100) [S1MR] (STJ11102141)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

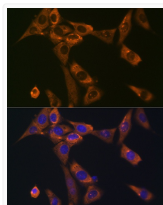
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 15kDa Observed Mw: 14kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

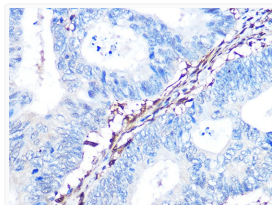
Gene ID	3956
Gene Symbol	LGALS1
UniProt ID	LEG1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MACGLVASNLNLKPGECLRV RGEVAPDAKSFVLNLGKDSN NLCLHFNPRFNAHGDANTIV CNSKDGGAWGTEQREAVFPF QPGSVAEVCITFDQANLTVK
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Galectin 1/LGALS1 (P09382).

ADDITIONAL INFORMATION

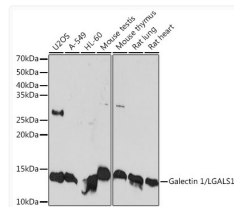
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunofluorescence analysis of NIH-3T3 cells using Galectin 1/LGALS1 Rabbit monoclonal antibody (STJ11102141) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using Galectin 1/LGALS1 Rabbit monoclonal antibody (STJ11102141) 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 extracts of various cell lines, using Galectin 1/LGALS1 Rabbit monoclonal antibody (STJ11102141) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.