

Galectin 7 Rabbit mAb

Catalog No: #49835

Package Size: #49835-1 50ul #49835-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

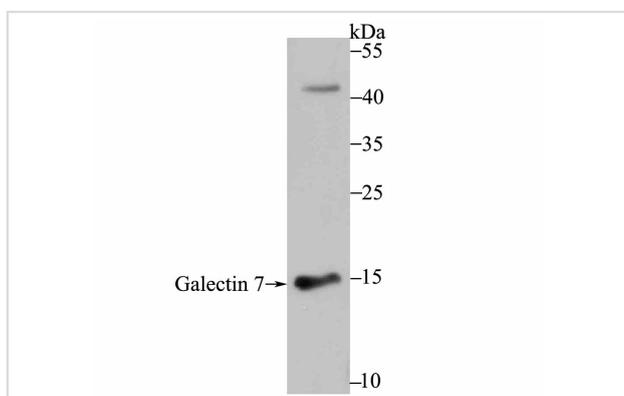
Description

Product Name	Galectin 7 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB38-11
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC,IP
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	Gal-7 antibody GAL7 antibody Galectin 7B antibody Galectin-7 antibody HKL-14 antibody Human keratinocyte lectin 14 antibody Keratinocyte lectin 14 antibody Lectin galactoside binding soluble 7 antibody Lectin, galactoside binding, soluble, 7B antibody LEG7_HUMAN antibody LGALS7 antibody LGALS7A antibody LGALS7B antibody P53 induced protein 1 antibody p53-induced gene 1 protein antibody Pi7 antibody PIG1 antibody TP5311 antibody
Accession No.	Swiss-Prot#:P47929
Uniprot	P47929
GeneID	3963;653499;
Calculated MW	15 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

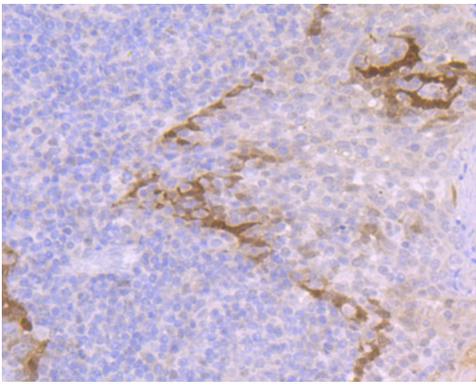
Application Details

IHC: 1:100-1:300 ICC: 1:50-1:200 IP: 1:10-1:50

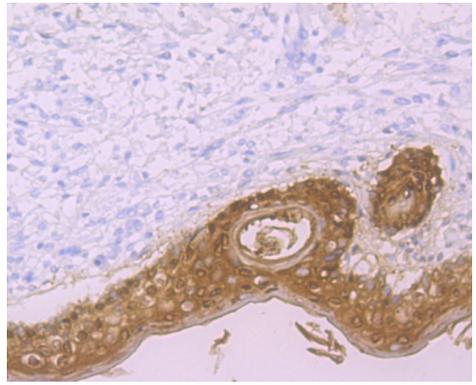
Images



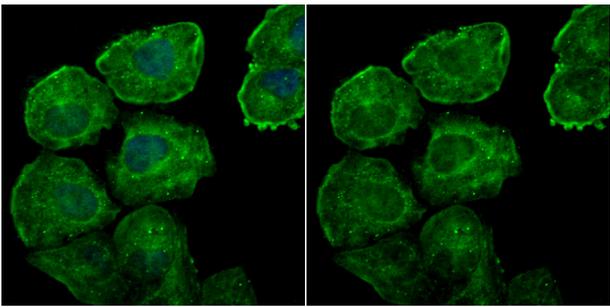
Western blot analysis of Galectin 7 on human skin tissue lysate using anti-Galectin 7 antibody at 1/500 dilution.



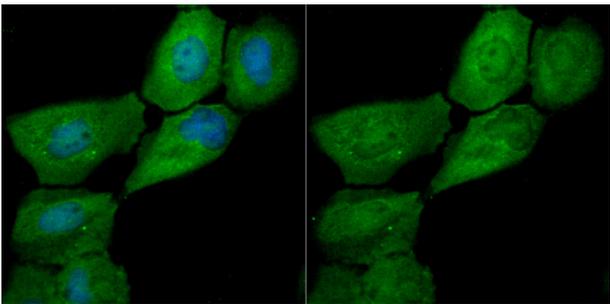
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Galectin 7 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-Galectin 7 antibody. Counter stained with hematoxylin.



ICC staining Galectin 7 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Galectin 7 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Galectins are a family of soluble b-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis. Galectin-7, expressed mainly in stratified squamous epithelium, is activated by p53 and repressed by retinoic acid. It is a pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release. The galectin-7 gene maps to chromosome 19. Mainly expressed in stratified squamous epithelium.

References

Note: This product is for in vitro research use only