

Product datasheet for **TA378005**

Galectin 3 (LGALS3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-1-250 of human Galectin 3/Galectin 3/LGALS3 (NP_002297.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	26kDa
Gene Name:	lectin, galactoside binding soluble 3
Database Link:	Entrez Gene 3958 Human P17931



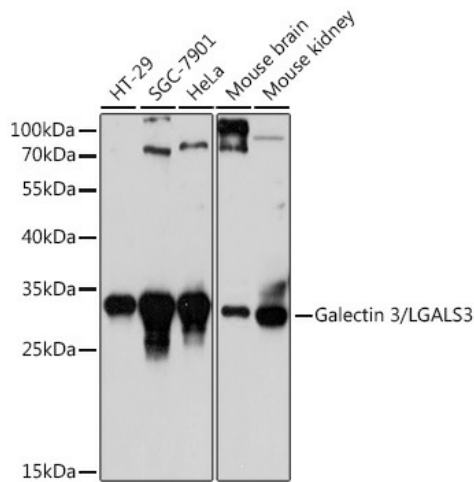
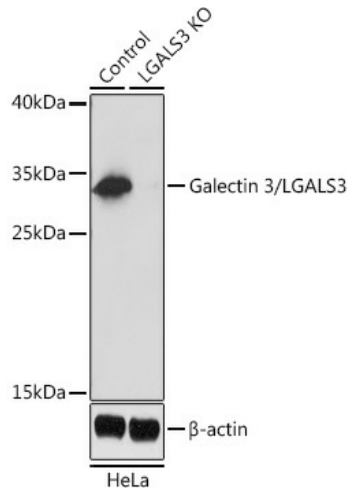
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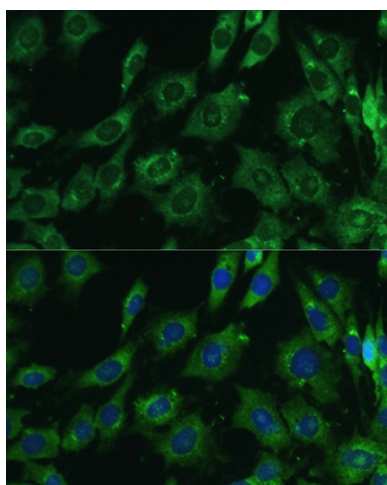
Background:

This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.

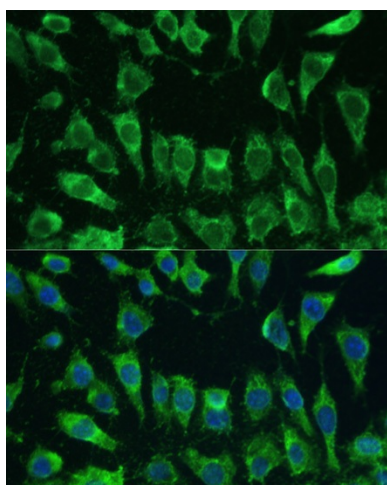
Synonyms:

CBP35; GAL3; GALBP; GALIG; L-31; LGALS2; MAC-2; MAC2

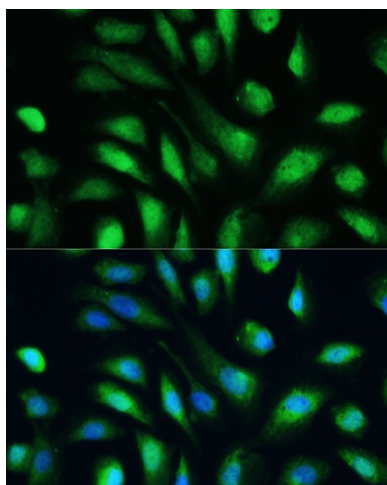
Product images:




Immunofluorescence analysis of C6 cells using Galectin 3/Galectin 3/LGALS3 antibody (TA378005) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L-929 cells using Galectin 3/Galectin 3/LGALS3 antibody (TA378005) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using Galectin 3/Galectin 3/LGALS3 antibody (TA378005) at dilution of 1:100. Blue: DAPI for nuclear staining.