

Product Name: Galectin 3 (3E18) Rabbit Monoclonal Antibody
Catalog #: AMRe11268



Summary

Production Name	Galectin 3 (3E18) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	LGALS3
Alternative Names	Carbohydrate binding protein 35; CBP35; GAL3; Galactose-specific lectin 3; GALBP; Galectin3; GALIG; GBP; IgE binding protein; L31; LGALS2; LGALS3;
Gene ID	3958.0
SwissProt ID	P17931.A synthetic peptide of human Galectin 3

Application

Dilution Ratio	WB: 1:5000
Molecular Weight	26kDa

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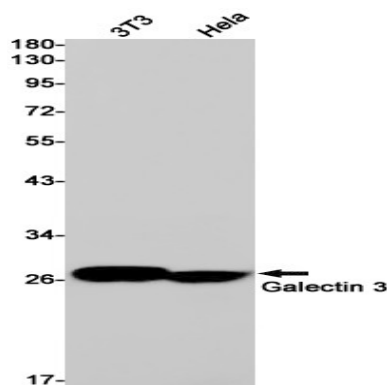


Background

Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis. Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis (By similarity). In the nucleus: acts as a pre-mRNA splicing factor. Involved in acute inflammatory responses including neutrophil activation and adhesion, chemoattraction of monocytes macrophages, opsonization of apoptotic neutrophils, and activation of mast cells. Together with TRIM16, coordinates the recognition of membrane damage with mobilization of the core autophagy regulators ATG16L1 and BECN1 in response to damaged endomembranes.

Research Area

Image Data



Western blot detection of Galectin 3 in 3T3,HeLa cell lysates using Galectin 3 antibody(1:1000 diluted).

Note

For research use only.