

Product datasheet

Anti-Galectin 1 antibody [RM0081-9J26] ab86056

1 Image

Overview

Product name	Anti-Galectin 1 antibody [RM0081-9J26]
Description	Rat monoclonal [RM0081-9J26] to Galectin 1
Host species	Rat
Tested applications	Suitable for: WB, IHC-Fr
Species reactivity	Reacts with: Mouse
Immunogen	Mouse recombinant Galectin 1.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: PBS
Purity	Protein A purified
Purification notes	The IgG fraction of culture supernatant was purified by Protein A affinity chromatography filter sterilized.
Clonality	Monoclonal
Clone number	RM0081-9J26
Isotype	IgG2

Applications

Our [Abpromise guarantee](#) covers the use of **ab86056** in the following tested applications.

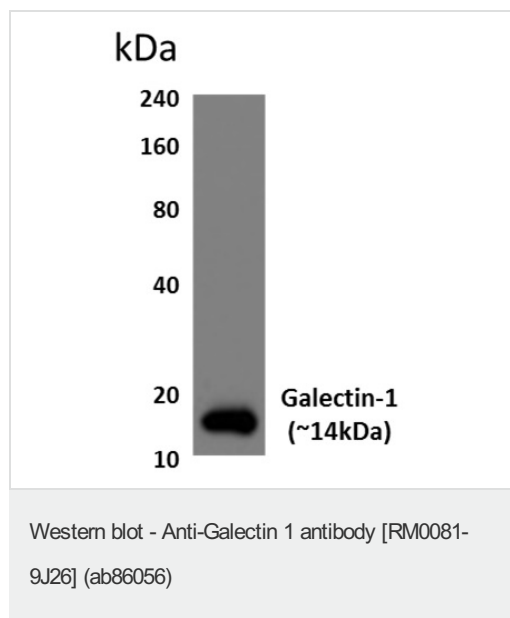
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 14 kDa.
IHC-Fr		1/50 - 1/200.

Target

Function	May regulate apoptosis, cell proliferation and cell differentiation. Binds beta-galactoside and a wide array of complex carbohydrates. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase.
Tissue specificity	Expressed in placenta, maternal decidua and fetal membranes. Within placenta, expressed in trophoblasts, stromal cells, villous endothelium, syncytiotrophoblast apical membrane and villous stroma. Within fetal membranes, expressed in amnion, chorioamniotic mesenchyma and chorion (at protein level). Expressed in cardiac, smooth, and skeletal muscle, neurons, thymus, kidney and hematopoietic cells.
Sequence similarities	Contains 1 galectin domain.
Cellular localization	Secreted > extracellular space > extracellular matrix.

Images



Anti-Galectin 1 antibody [RM0081-9J26]
(ab86056) + Lysates of mouse placental
tissue

Predicted band size: 14 kDa

Observed band size: 14 kDa

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