

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
Species reactivity	Reacts with: Mouse
Immunogen	Mouse recombinant Galectin 1.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituent: 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

The Abpromise guarantee 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.

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.

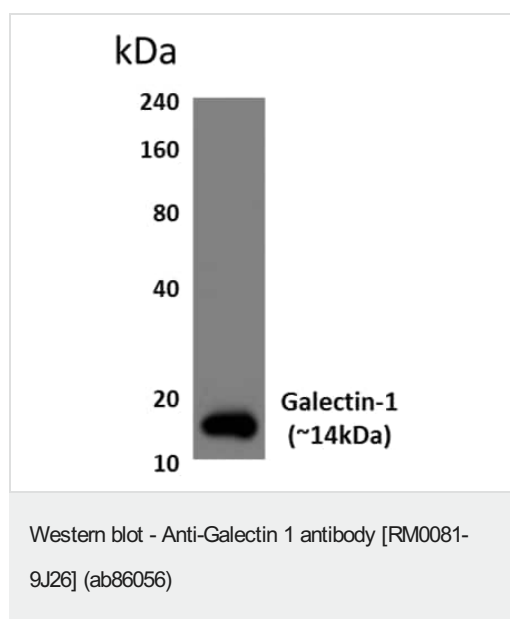
Sequence similarities

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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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