

Product datasheet

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

1 Image

Overview

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

Properties

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

Applications

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

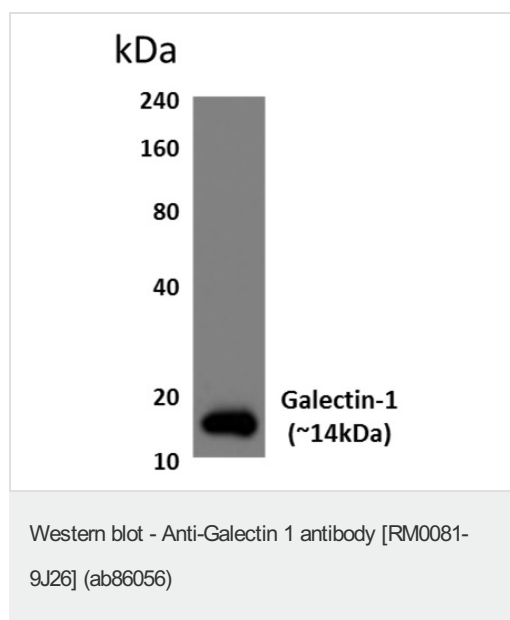
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

## Target

<b>Function</b>	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.
<b>Tissue specificity</b>	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.
<b>Sequence similarities</b>	Contains 1 galectin domain.
<b>Cellular localization</b>	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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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