

## Product datasheet for **AP20489PU-S**

### galectin 9 (LGALS9) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	<b>Western blot:</b> 1/500-1/1000. <b>Immunofluorescence:</b> 1/50-1/200. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 51-100 of Human Galectin-9.
Specificity:	This antibody detects endogenous levels of Galectin-9 protein. (region surrounding Gly80)
Formulation:	PBS, pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 15mM Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 40 kDa
Gene Name:	galectin 9
Database Link:	<a href="#">Entrez Gene 16859 Mouse</a> <a href="#">Entrez Gene 25476 Rat</a> <a href="#">Entrez Gene 3965 Human</a> <a href="#">O00182</a>



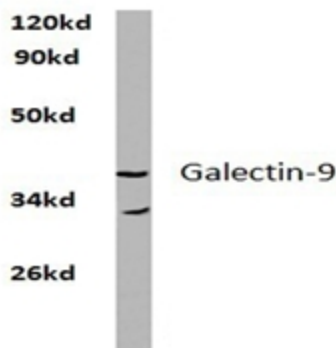
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**Background:**

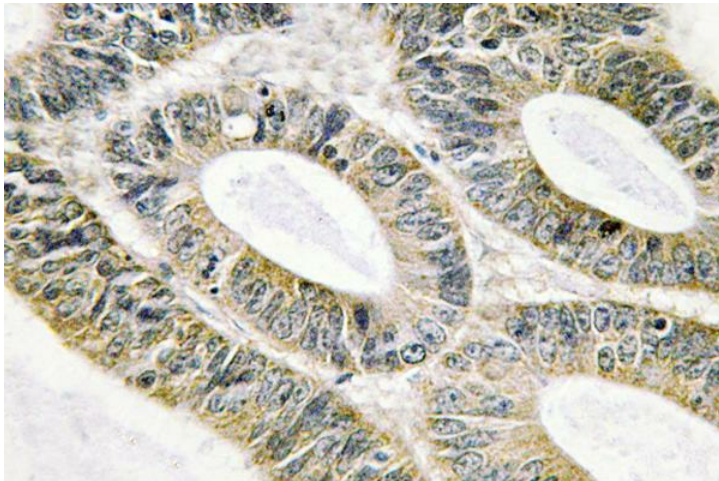
The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin 9 is an S-type lectin and an eosinophil chemoattractant (ECA) produced by antigen-activated T cells. Galectin 9 is involved in apoptosis, is thought to be a prognostic factor for breast cancer and is also overexpressed in Hodgkin's disease tissue. The protein has N- and C- terminal carbohydrate-binding domains connected by a link peptide. Multiple alternatively spliced transcript variants have been found for this gene.

**Synonyms:**

LGALS9, Galectin9, HOM-HD-21, Ecalectin

**Product images:**

Western blot analysis of Galectin-9 antibody (Cat.-No [AP20489PU-N]) in extracts from THP1 cells at 1/500 dilution.



Immunohistochemistry analysis of Galectin-9 antibody (Cat.-No [AP20489PU-N]).