

Product datasheet for **AM32427PU-N**

galectin 9 (LGALS9) Mouse Monoclonal Antibody [Clone ID: B-T33]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B-T33
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl to label 10 ⁶ cells or 100 µl of whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant human Galectin-9 (also known as Ecalectin or UAT). Myeloma X63/AG.8653 x Balb/c node cells.
Specificity:	This antibody recognises both natural and recombinant Human Galectin-9 protein.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	galectin 9
Database Link:	Entrez Gene 3965 Human O00182



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Background:

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS9 is an S-type lectin. This galectin is strongly overexpressed in Hodgkin's disease tissue and it might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its consistently associated immunodeficiency. The protein has N- and C- terminal carbohydrate-binding domains connected by a link peptide.

Two isoforms (long and short) exist.

Synonyms:

LGALS9, Galectin9, HOM-HD-21, Ecalectin