

LGALS9

Mouse Anti-Human Galectin-9 (Clone B-K38) mAb, Azide Free

Catalog No.	CDM453A	Quantity:	200 µg
	CDM453B		500 µg
	CDM453C		1.0 mg

Alternate Names: Gal-9, Ecalectin, Tumor antigen HOM-HD-21

Description: Galectin-9 is a unique member of this family of non-classically secreted, β -galactoside-binding proteins, with a 39kDa tandem-repeat type galectin, with two carbohydrate-recognition domains. It was first identified as an eosinophil chemoattractant and activation factor and first cloned from tumor tissues of Hodgkin's disease. Subsequent studies revealed that galectin-9, similar to other galectins, modulates a variety of biological functions including cell aggregation and adhesion, as well as apoptosis of tumor cells. Galectin-9 has recently been shown to have an anti-proliferative effect on cancer cells. In many solid cancers, the loss of galectin-9 expression is closely associated with metastatic progression, and treatment with recombinant galectin-9 prevents metastatic spread in various preclinical cancer models.

UniProt ID: O00182

Gene ID: 3965

Concentration: 1.0 mg/ml

Specificity: Recognizes both recombinant and native human galectin-9

Hybridoma: Myeloma X63/AG.8653 x BALB/c node cells

Immunogen: Recombinant human galectin-9

Isotype: Mouse IgG1k

Clone: B-K38

Formulation: Sterile-filtered PBS, carrier and preservative free.

Applications: Suggested use as the detection antibody in a sandwich ELISA.

Storage & Stability: Stable at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**

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