

## CLC

### Mouse Anti-Human Galectin-10 (Clone B-F42) mAb

<b>Catalog No.</b>	CDM065	<b>Quantity:</b>	200 tests
<b>Alternate Names:</b>	Gat-10, LGALS10, Charcot-Leyden crystal, CLC		
<b>Description:</b>	The monoclonal antibody recognizes Galectin-10, a lysophospholipase. Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. Galectin-10 is a lysophospholipase expressed in eosinophils and basophils. It hydrolyzes lysophosphatidylcholine to glycerophosphocholine and a free fatty acid. Galectin-10 may possess carbohydrate or IgE-binding activities. It is both structurally and functionally related to the Galectin family of beta-galactoside binding proteins. It may be associated with inflammation and some myeloid leukemias.		
<b>Concentration:</b>	200 tests / 2 ml		
<b>UniProt ID:</b>	Q05315		
<b>Gene ID:</b>	1178		
<b>Specificity:</b>	Recognizes both Native and Recombinant Human Galectin-10		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1 $\kappa$		
<b>Immunogen:</b>	Recombinant Human Galectin-10		
<b>Clone:</b>	B-F42		
<b>Formulation:</b>	PBS, 1% BSA, 0.1% sodium azide.		
<b>Applications:</b>	Intracellular Flow Cytometry, Immunofluorescence		
<b>Application Notes:</b>	Use 10 $\mu$ l to label 10 <sup>6</sup> cells. Galectin-10 is an intracellular antigen. Fixation with 4% paraformaldehyde and permeabilization with 0.1% saponin are required before staining.		
<b>Storage &amp; Stability:</b>	Store at 2--8°C for up to 1 year. For longer term storage, freeze in working aliquots at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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