



Mouse Anti-Mouse LGALS9 Chimeric Monoclonal Antibody, clone RG9-35 [Functional Grade] (CABT-Z491M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format.
Immunogen	Recombinant mouse galectin-9.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Mouse
Clone	RG9-35
Purification	Protein A purified
Conjugate	Functional Grade
Applications	BL, FC, FA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS only. Endotoxin Level<0.5 EU/mg by the LAL method.
Preservative	None

Storage	Store at -20°C long term. Avoid freeze / thaw cycle. To ensure optimal storage and prevent microbial contamination, only open and dispense under sterile conditions.
Ship	Wet ice

BACKGROUND

Introduction	Galectin-9, a 40 kDa S-type lectin that is expressed by various cell types including lymphocytes, thymocytes, macrophages, dendritic cells, astrocytes, mast cells, eosinophils, fibroblasts, epithelial cells, and endothelial cells. Galectin-9 binds to β -galactosides and can serve as a ligand for TIM-3 (CD366). The protein is implicated in both innate and adaptive immune responses specifically, induction of cytokine secretion by macrophages, bactericidal functions, promotion of dendritic cell maturation, regulatory T cell expansion, and negative regulation of Th1, Th17, NK, and cytotoxic T cells.
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Keywords	LGALS9;lectin, galactoside-binding, soluble, 9;HUAT;LGALS9A;galectin-9;gal-9
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GENE INFORMATION

Gene Name	Lgals9
Entrez Gene ID	16859
UniProt ID	O08573