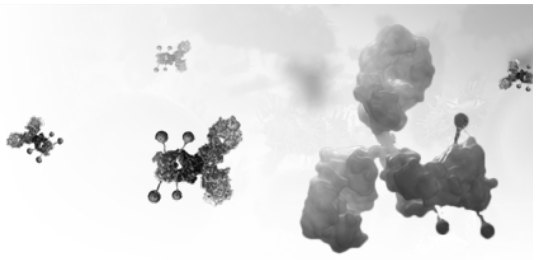

Anti-LGALS3 monoclonal antibody, clone 303324 (DCABY-4063)

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

PRODUCT INFORMATION

Antigen Description	The galectins constitute a large family of carbohydrate-binding proteins that function in many systems both intracellularly and following secretion. Galectins contain either one or two carbohydrate recognition domains (CRR) which mediate recognition of N-acetyl-lactosamine-containing glycoproteins. Some galectins exist in multiple isoforms due to alternative splicing. Individual galectins differ in their tissue distribution and in their carbohydrate-binding specificities.
Specificity	Detects mouse Galectin-3 in direct ELISAs and Western blots. In direct ELISAs, this antibody shows 100% cross-reactivity with recombinant human (rh) Galectin-3 and no cross-reactivity with rhGalectin-2, -4, -8 or recombinant mouse Galectin-1, -4, or -7.
Immunogen	E. coli-derived recombinant mouse Galectin-3. Ala2-Ile264 Accession Number P16110
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	303324
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg

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Buffer	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	Lgals3 lectin, galactose binding, soluble 3 [Mus musculus (house mouse)]
Official Symbol	LGALS3
Synonyms	LGALS3; lectin, galactose binding, soluble 3; GBP; L-34; gal3; Mac-2; galectin-3; gal-3; CBP 35; lectin L-29; 35 kDa lectin; mac-2 antigen; igE-binding protein; laminin-binding protein; galactose-specific lectin 3; L-34 galactoside-binding lectin; carbohy
Entrez Gene ID	16854
Protein Refseq	NP_001139425
UniProt ID	Q8C253
Chromosome Location	14 C1; 14
Pathway	Advanced glycosylation endproduct receptor signaling; Immune System; Innate Immune System;
Function	IgE binding; carbohydrate binding; chemoattractant activity; laminin binding; poly(A) RNA binding; protein binding;

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