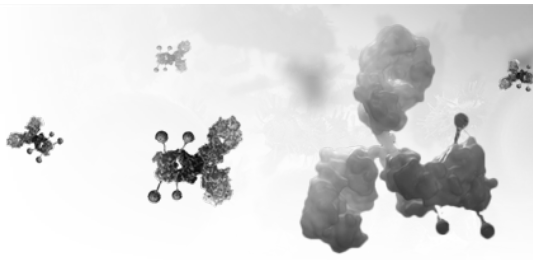

Rat anti-Mouse Mimecan Monoclonal antibody, clone 430040 (DCABY-4217)

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

PRODUCT INFORMATION

Antigen Description	Mimecan, also known as KSPG25 (Keratan Sulfate Proteoglycan 25 kDa) and Osteoglycin, is an extracellular matrix protein that belongs to the class III subfamily of the small leucine rich proteoglycan (SLRP) family. SLRPs have leucine-rich repeats in a central domain that is flanked by N- and C-terminal cysteine-rich domains. The core proteins contain N-linked oligosaccharides as well as glycosaminoglycan side chains.
Specificity	Detects mouse Mimecan in direct ELISAs and Western blots. In direct ELISAs and Western blots,no cross-reactivity with recombinant human Mimecan is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Mimecan. Ala20-Phe298 Accession Number Q62000
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	430040
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

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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, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Ogn osteoglycin [Mus musculus (house mouse)]
Official Symbol	OGN
Synonyms	OGN; osteoglycin; OG; OIF; SLRR3A; mimecan; mimican; 3110079A16Rik; mimecan;
Entrez Gene ID	18295
Protein Refseq	NP_032786
UniProt ID	Q543C5
Chromosome Location	13 A5; 13
Pathway	Disease; Glycogen storage diseases; Glycosaminoglycan metabolism; Keratan sulfate biosynthesis; Keratan sulfate degradation; Keratan sulfate/keratin metabolism; MPS I - Hurler syndrome; MPS II - Hunter syndrome;
Function	growth factor activity;

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