



Anti-Progranulin monoclonal antibody, clone 444809 (DCABY-4143)

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

PRODUCT INFORMATION

Antigen Description	Progranulin, also known as proepithelin and PC cell-derived growth factor (PCDGF), is a secreted, glycosylated protein with multiple repeats of the granulin/epithelin motif.
Specificity	Detects mouse Progranulin/PGRN in ELISAs. In sandwich immunoassays, no cross-reactivity with recombinant human Progranulin is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Progranulin/PGRN. Thr18-Leu589 Accession Number P28798
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	444809
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
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, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Grn granulin [Mus musculus (house mouse)]
Official Symbol	GRN
Synonyms	GRN; granulin; Pgrn; epithelin; granulins; PEPI; PCDGF; progranulin; acrogranulin; proepithelin; PC cell-derived growth factor;
Entrez Gene ID	14824
Protein Refseq	NP_032201
UniProt ID	Q3U9N4
Chromosome Location	11 D; 11 66.29 cM
Function	cytokine activity; poly(A) RNA binding;