



# Anti-Progranulin monoclonal antibody, clone 444830 [Biotin] (DCABY-4307)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	Detects mouse Progranulin/PGRN in ELISAs. In sandwich immunoassays, no cross-reactivity with recombinant human Progranulin is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse Progranulin/PGRN. Thr18-Leu589 Accession Number P28798
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	444830
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Biotin
<b>Applications</b>	ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None

<b>Storage</b>	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

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