



Anti-Marapsin monoclonal antibody, clone 357507 (DCABY-4251)

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

PRODUCT INFORMATION

Antigen Description	Marapsin, pancreasin, and channel-activating protease 2 (CAP-2) are different names for the same serine protease that is expressed strongly in the pancreas. Synthesized as a single-chain proenzyme, marapsin is activated to form a disulfide bond-linked dimer between the pro peptide and the serine protease domain.
Specificity	Detects mouse Marapsin in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human Marapsin or recombinant mouse Proastasin was observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Marapsin/Pancreasin. Ala23-Thr290 Accession Number Q8BJR6
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Mouse
Clone	357507
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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month from date of receipt, 2 to 8 °C, reconstituted.</p> <p>6 months from date of receipt, -20 to -70 °C, reconstituted.</p>

GENE INFORMATION

Gene Name	Prss27 protease, serine 27 [Mus musculus (house mouse)]
Official Symbol	PRSS27
Synonyms	PRSS27; protease, serine 27; Mpn; CAPH2; marapsin; serine protease 27; pancreasin; channel-activating protease 2-like protein;
Entrez Gene ID	213171
Protein Refseq	NP_780649
UniProt ID	Q8BJR6
Chromosome Location	17 A3.3; 17 12.21 cM
Function	catalytic activity; hydrolase activity; peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity;