



Anti-ANGPTL3 monoclonal antibody, clone 239722 (DCABY-4183)

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

PRODUCT INFORMATION

Antigen Description	Angiopoietin-like, also known as angiopoietin-related proteins, are structurally related to the angiopoietins. They are secreted proteins with N-terminal coiled-coil domains and C-terminal fibrinogen-like domains. Unlike the angiopoietins, ANGPTLs do not bind Tie-2. Seven ANGPTL proteins have been identified (ANGPTL1 through 7).
Specificity	Detects mouse Angiopoietin-like 3 in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human ANGPTL3, recombinant mouse(rm)ANGPTL4, or rmAngiopoietin-3 is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse Angiopoietin-like 3. Ser17-Thr455 Accession Number Q9R182
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	239722
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	Angptl3 angiopoietin-like 3 [Mus musculus (house mouse)]
Official Symbol	ANGPTL3
Synonyms	ANGPTL3; angiopoietin-like 3; hypl; angiopoietin-related protein 3; hypolipidemia; angiopoietin-like protein 3;
Entrez Gene ID	30924
Protein Refseq	NP_038941
UniProt ID	Q3UEF5
Chromosome Location	4 C6; 4 45.6 cM
Pathway	PodNet: protein-protein interactions in the podocyte; XPodNet - protein-protein interactions in the podocyte expanded by STRING;
Function	enzyme inhibitor activity; growth factor activity; integrin binding; phospholipase inhibitor activity;