



Anti-MFGE8 polyclonal antibody [Biotin] (DPABY-642)

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

PRODUCT INFORMATION

Antigen Description	MFGE-8, originally identified as a product of lactating mammary glands, is also secreted by activated macrophages and immature dendritic cells. MFGE-8 functions as an opsonin by binding phosphatidylserine on apoptotic cells and enhancing their phagocytosis.
Specificity	Detects mouse MFGE-8 in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant human MGF-E8 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse MFGE-8. Ala23-Cys463 Accession Number P21956
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
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	Mfge8 milk fat globule-EGF factor 8 protein [Mus musculus (house mouse)]
Official Symbol	MFGE8
Synonyms	MFGE8; milk fat globule-EGF factor 8 protein; P47; MP47; Mfgm; SED1; MFG-E8; AA408458; AI325141; lactadherin; lactadherin; EGF/factor VIII; sperm surface protein SP47; milk fat globule glycoprotein;
Entrez Gene ID	17304
Protein Refseq	NP_001038954
UniProt ID	Q3TDU5
Chromosome Location	7 D3; 7 44.9 cM
Pathway	Amyloids; Disease;
Function	integrin binding; phosphatidylethanolamine binding; phosphatidylserine binding;