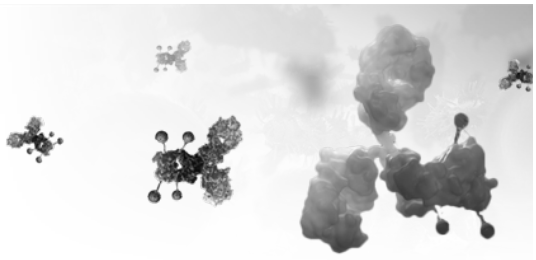

Mouse Anti-Phosphatidylethanol (PEth) monoclonal antibody, clone 478 (DMABB-JX98)

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

PRODUCT INFORMATION

Product Overview	Recombinant bivalent human monoclonal F(ab)2 targeting phosphatidylethanol (PEth). This antibody is a F(ab) dimer containing a heavy chain Cter-minal dHLX dimerization domain.
Specificity	This antibody reacts primarily with phosphatidylethanol (of synthetic or natural origin), and demonstrates low cross-reactivity with other lipids and phospholipids including phosphatidylcholine, phosphatidylethanolamine, phosphatidic acid, phosphatidylserine, phosphatidylglycerol, sphingomyelin, and cholesterol.
Immunogen	Synthetic PEth
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	478
Purification	Affinity purified
Conjugate	Unconjugated
Applications	ELISA, IF Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	Lot specific

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Size	10 µg, 50 µg, 250 µg
Buffer	3xPBS, pH 7.4
Preservative	None
Storage	Store at -20 °C or -80°C for long term. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	PEth is formed in the presence of ethanol via the enzymatic action of phospholipase D on phospatidylholine and other phospholipids. Circulating levels of PEth can be used as a biomarker to measure alcohol consumption.
Keywords	Phosphatidylethanols; Phosphatidylethanol; Peth

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