



Mouse Anti-LBPA (BMP) monoclonal antibody, clone 7D5 (CABT-325ML)

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

PRODUCT INFORMATION

Specificity	This antibody reacts primarily with the indicated lipid (of synthetic or natural origin), and cross-reactivity (CR) with other phospholipids, lysophospholipids, and proteins has not been detected. Some CR is possible with cardiolipin depending on assay format.
Immunogen	Synthetic LBPA
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	N/A
Clone	7D5
Purification	Affinity purified
Conjugate	Unconjugated
Applications	ELISA, IF Recommended dilution: ELISA: 1:200; IF: 1:100 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	1.0 mg/mL
Size	10 µg, 50 µg, 250 µg
Buffer	PBS, pH 7.4

Preservative	None
Storage	Store at 4°C for short term. Store at -20 °C or below for long term. Avoid freeze/thaw cycles.
Ship	Dry ice

BACKGROUND

Introduction Lysobisphosphatidic acid (LBPA), also known as bis(- monoacylglyceryl)phosphate (BMP), is an important but unusual eukaryotic lipid, found primarily in late endosomes and is a cellular marker of this compartment. Further, LBPA is a lipid antigen for the autoimmune disorder, anti-phospholipid syndrome (APS).

Keywords lysobisphosphatidic acid; LBPA; BMP