



Mouse Anti-Hamster PLBL-2 Monoclonal Antibody, clone 5E6 (CABT-Z595M)

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

PRODUCT INFORMATION

Immunogen	CHO Phospholipase B-Like 2 (PLBL2) of recombinant origin.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Hamster
Clone	5E6
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, WB
Reconstitution	Reconstitute by adding 0.5 mL of reagent quality water to the product vial and add preservative.
Format	Lyophilized
Size	100 µg
Buffer	PBS, pH 7.2 with non-protein stabilizer.
Preservative	None
Storage	Lyophilized material should be kept at 4°C until rehydrated and will remain stable for a minimum of 2 years. Liquid solution stored at 2-8°C is stable for a minimum of 1 year.
Ship	Wet ice

BACKGROUND

Introduction	Hamster phospholipase B-like 2 (PLBL2), is a common and problematic residual HCP found in CHO-derived monoclonal antibodies (mAbs); It was found to induce immunogenicity in patients at levels as low as 0.2-0.4 ppm, although no clinical adverse effect was detected in patients. In addition to immunogenicity concerns, lipases or enzymes with esterase like activity, like group XV lysosomal phospholipase A 2 isomer X1 (LPLA2) and lipoprotein lipase (LPL) have been reported to degrade formulation excipients such as polysorbate 80 or 20.
Keywords	76 kDa protein;LAMA-like protein 2;Lamina ancestor homolog 2;mannose-6-phosphate protein associated protein p76;p76;phospholipase B domain containing 2;Phospholipase B domain-containing protein 2;phospholipase B-like 2 32 kDa form;phospholipase B-like 2 45 kDa form;PLB homolog 2;PLBD2;PLBL2;Putative phospholipase B-like 2;Putative phospholipase B-like 2 32 kDa form;Putative phospholipase B-like 2 45 kDa form