



DataSheet

CATALOGUE #: 4LA7

PRODUCT NAME: Monoclonal mouse anti-human lipoprotein-associated phospholipase A2 (Lp-PLA2)

MAbs: PL1, PL4, PL11, PL26, PL32, PL42, PL46
Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with recombinant human Lp-PLA2.

MAb isotypes: IgG1 for MAbs PL1, PL4, PL11, PL26, PL32, PL42, PL46

Applications: Sandwich immunoassay, Western blotting
Recommended pairs for Lp-PLA2 sandwich immunoassay for detecting Lp-PLA2 in human serum and plasma (capture - detection):
PL42 – PL46
PL26 – PL4
PL32 – PL4
PL32 – PL11
PL32 – PL1
MAb PL26 reacts with Lp-PLA2 in Western blotting.

Purification: Chromatography on protein A Sepharose

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Other information: We recommend to replace bovine serum albumin (BSA) with 1% casein as a buffer component or to use blocking agent for Lp-PLA2 immunoassay.
Blocking of the immunoassay plates with casein is needed to prevent non-specific binding of Lp-PLA2 to the surface of an immunoassay plate.

Material safety note: This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.
Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

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