



# DataSheet

**CATALOGUE #:** 4LA7cc

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

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**MAbs *in vitro*:** PL4cc, PL26cc, PL42cc, PL46cc

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 PL4cc, PL26cc, PL42cc, PL46cc

**Applications:** Sandwich immunoassay, Western blotting

Recommended pairs for Lp-PLA2 sandwich immunoassay for detecting Lp-PLA2 in human serum and plasma (capture - detection):

PL42cc – PL46cc

PL26cc – PL46cc

PL26cc – PL4cc

PL26cc reacts with Lp-PLA2 in Western blotting.

**Purification:** Protein A chromatography

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

**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 in Lp-PLA2 immunoassay.

Blocking of the immunoassay plates with casein is needed to prevent non-specific binding of Lp-PLA2 to the plate surface.

**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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