

CATALOGUE #: 4LA7cc

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

MAbs *in vitro*: **PL4cc, PL11cc, PL26cc, PL42cc, PL46cc**
Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Recombinant human Lp-PLA2

MAb isotypes: **IgG1** for PL4cc, PL11cc, 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 (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 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 or further manufacturing 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.