



## Rat Anti-Human LPLA2 monoclonal antibody, clone 25F23 (DMABB-JX97)

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

### PRODUCT INFORMATION

<b>Specificity</b>	This antibody recognizes the 5' region of exon 5 which contains the catalytic domain of hLPLA2. It recognizes mouse and human LPLA2. No cross reactivity is observed with lecithin-cholesterol acyltransferase (LCAT), the closest gene in sequence identity to LPLA2.
<b>Immunogen</b>	Recombinant LPLA2 protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Human, Mouse
<b>Clone</b>	25F23
<b>Purification</b>	Affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IF 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.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	1.0 mg/mL
<b>Size</b>	10 µg, 50 µg, 250 µg
<b>Buffer</b>	PBS, pH 7.4

<b>Preservative</b>	None
<b>Storage</b>	Store at -20 °C or -80°C for long term. Avoid freeze/thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

**Introduction** LPLA2 is thought to play an important role in the homeostasis of cellular phospholipids. In the blood it travels mainly with low-density lipoprotein (LDL). Less than 20% is associated with high-density lipoprotein (HDL). Several lines of evidence suggest that HDL-associated LPLA2 may substantially contribute to the anti-atherogenic activities of HDL.

**Keywords** PLA2G15; phospholipase A2, group XV; ACS; LLPL; LPLA2; LYPLA3; GXVPLA2; group XV phospholipase A2; 1-O-acylceramide synthase; lysosomal phospholipase A2; LCAT-like lysophospholipase; lysophospholipase 3 (lysosomal phospholipase A2);