

Rev01  
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**DATASHEET**

# Lp-PLA2 (10D46), mAb, Mouse

Cat. No.: V01102

## Overview

<b>Specificity</b>	Human LpPLA2
<b>Recommended Pairs</b>	<b>Sandwich immunoassay (Capture-Detection):</b> 9C42 - 10D46
<b>Clone ID</b>	10D46
<b>Isotype</b>	IgG1 for mAbs 10D46
<b>Subclass</b>	IgG1
<b>Host Species</b>	Mouse
<b>Antigen Species</b>	Human

## Properties

<b>Conjugation</b>	Unconjugated
<b>Production</b>	Cultured in vitro under conditions free from animal-derived components
<b>Purification</b>	Protein A/G affinity column
<b>Concentration</b>	≥ 2mg/ml
<b>Formulation</b>	50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% ProClin 300.
<b>Storage</b>	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Product Stability	Results for clones	
	Temperature, Time	
		9C42      10D46
	-80°C, 21 days	OK
	-20°C, 21 days	OK
	4°C, 21 days	OK
	20°C, 21 days	OK
	37°C, 21 days	OK
	40°C, 21 days	OK

**Note** GenScript can customize this product per customer's request including product size, buffer components, etc.

## Applications

Platform	Capture	Detection
ELISA	9C42	10D46

## Background

**Target Background :** Lipoprotein-associated phospholipase A2 (LpPLA2) is an enzyme which participates in proinflammatory process. High concentration of LpPLA2 in serum indicates risk of heart attack and stroke. LpPLA2 is considered as specific coronary marker for diagnosing cardiovascular heart disease.

**Synonyms :** LpPLA2 Antibody (10D46), mAb, Mouse

**For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.**

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