

Product datasheet for **BM5512**

Lipoprotein lipase (LPL) Mouse Monoclonal Antibody [Clone ID: Mab-7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Mab-7
Applications:	ELISA, FN, IHC, WB
Recommended Dilution:	ELISA. Immunoblotting. Immunohistochemistry. <i>Recommended Dilutions: 1/10.</i> Dilution buffer: PBS with 0.5 % BSA and 0.09% Sodium Azide.
Reactivity:	Bovine, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Bovine Lipoprotein Lipase
Specificity:	This Monoclonal antibody is directed against the CII binding site. Blocks the catalytic activity of Bovine milk lipase. A small partial cross-reactivity with Human Heparin Plasma Lipase activity was observed (Ref. 1).
Formulation:	PBS, pH 7.4 State: Purified State: Lyophilized purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.09% Sodium Azide
Reconstitution Method:	Restore with 1 ml distilled water
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.



[View online »](#)

Stability: Shelf life: one year from despatch.

Gene Name: lipoprotein lipase

Database Link: [Entrez Gene 4023 Human P06858](#)

Background: Lipoprotein lipase (LPL) is the central enzyme in plasma triglyceride hydrolysis and is secreted by macrophages in the subendothelial space. Evidence has been provided that LPL produced by macrophages in the vessel wall exerts proatherogenic effects. The atherogenic effects of LPL have been mainly attributed to its ability to favor lipid accumulation within macrophages present in the atherosclerotic lesion. Recently, it has also been shown that LPL promote the development of atherosclerosis through facilitation of monocyte adhesion to endothelial cells, stimulation of tumor necrosis factor alpha (TNF) secretion and induction of vascular smooth muscle cell proliferation.

Synonyms: LPL, LIPD, EC=3.1.1.34