

Product datasheet for AM32208PU-N

High Density Lipoprotein / HDL (HDL2, HDL3, APO-A1) Mouse Monoclonal Antibody [Clone ID: 1C5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1C5
Applications:	ELISA, IHC
Recommended Dilution:	ELISA: Use ~1/1000 dilution. The antibody can be used for HDL depletion of Human plasma, for detection of HDL in plasma either in combination with other mabs by using Sandwich ELISA or in Competitive ELISA. Immunohistology on Frozen Sections: Use ~1/100 dilution. The antibody is also useful for detection of HDL in tissue sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	The antibody reacts with High Density Lipoproteins (HDL2, HDL3, Apo A1) of Human plasma. No cross reactions with other plasma proteins were detected. This antibody increases the specific binding of HDL to Rat and Human hepatocytes and the efflux of Cholesterol from hepatocytes prelabelled with ¹⁴ C-Acetate.
Formulation:	0.01M sodium phosphate, 0.01M sodium borate, 0.15M sodium chloride, 1% dextran, 1% mannitol, pH 8 State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1 ml sterile water and add preservative if preferred.
Concentration:	lot specific
Purification:	Sodium Sulfate and DEAE-Cellulose Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.



Stability: Shelf life: one year from despatch.

Background: HDL is a cholesterol carrier protein that acts as scavenger of tissue cholesterol. It is important in cholesterol efflux from tissues, and involved in the return of cholesterol from the periphery to the liver for removal as bile acids.