



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse anti Human Apolipoprotein A1

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00089

Target Species
Human

Isotype
IgG1

Preparation

Immunogen: Native Apolipoprotein-A1 from human plasma

Purification: Purified IgG prepared by affinity chromatography on Protein A

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - lyophilized

Preservative Stabilizers: 1% Dextran, 1% Mannitol

Buffer Solution: 0.01M Sodium Phosphate, 0.01M Sodium Borate, 0.15M Sodium Chloride

Specificity

DS-MB-00089 recognizes Apolipoprotein A-1 (also known as Apo-A1), a lipid-binding protein which enables the transport of dietary lipids for storage, metabolism and secretion. Apo-A1 plays an important part in the removal of cholesterol from cells. This antibody reacts with both free human Apo-A1 and High Density Lipoprotein (HDL) bearing Apo-A1, but does not cross-react with ApoE, ApoB or Albumin.

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			
Western Blotting	•			1/2000 - 1/8000
Flow Cytometry			•	
Immunohistology - Frozen	•			1/20 - 1/80

Note: Other applications are not tested yet. Optimal dilutions should be determined by the user.

The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.



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Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

Storage

Prior to reconstitution store at +4°C. After reconstitution store at -20°C.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody.

Shelf Life: 12 months from date of shipment

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