
ApoM (8F12) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252690

Unit: 0.1 mg

Description:

ApoM (Apolipoprotein M) is a 188-amino acid protein (~21kDa) is an apolipoprotein and member of the lipocalin protein family. The Apo-proteins are involved in specific binding of cellular receptors, regulation of lipolytic enzymes and the process of lipid exchange. ApoM is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. The N-terminal region of Apo-M contains hydrophobic residues that may promote association with the phospholipid layer of lipoprotein particles. In vitro, Apo-M is glycosylated when translated in the presence of microsomes and remains associated with the microsomes after carbonate treatment. Apo-M is expressed in liver and kidney, is secreted into the bloodstream in HDLs, also found in triglyceride-rich lipoproteins and LDLs.

Isotype: Mouse IgG1

Applications: WB, IF

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in PBS pH7.4 with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Apolipoprotein M; Apo-M; ApoM; Protein G3a; G3A; NG20

Accession No.: O95445

Antigen: Purified recombinant fragment of human ApoM expressed in E. coli.

Application Notes: WB: 1:500-1:2000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.