

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ApoA2 in direct ELISAs and Western blots. Does not cross-react with recombinant human (rh) ApoA1 or rhApoE.
Source	Monoclonal Rat IgG _{2A} Clone # 395906
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human ApoA2 Gln24-Gln100 Accession # P02652
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Apolipoprotein A2 (ApoA2) is a major protein component of serum HDL. It is produced by the liver and is involved in cholesteryl ester formation and cholesterol transport from tissues to the liver. Polymorphisms of ApoA2 are associated with disorders of cholesterol and fatty acid metabolism. ApoA2 can form disulfide-linked 17 kDa homodimers and heterodimers with other apolipoproteins. Mature human ApoA2 shares 96% aa sequence identity with chimpanzee ApoA2 and 48% - 66% aa sequence identity with bovine, equine, mouse, and rat ApoA2.

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