

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human α 1-Acid Glycoprotein in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG _{2A} Clone # 386131
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human plasma-derived α 1-Acid Glycoprotein Accession # P02763
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.
Immunohistochemistry	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

α 1-Acid Glycoprotein (AGP-1), also known as orosomucoid-1, is an acute phase protein secreted by the liver. Serum AGP-1 levels are elevated during inflammatory responses. AGP-1 binds a wide range of molecules in the circulation. Human and mouse AGP-1 share 43% amino acid sequence identity.

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