Human Angiopoietin-like Protein 8/Betatrophin Alexa Fluor® 405-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 910248

Catalog Number: FAB8548V

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Angiopoietin-like Protein 8/Betatrophin in direct ELISA and Western Blots.
Source	Monoclonal Mouse IgG_1 Clone # 910248
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human Angiopoietin-like Protein 8/Betatrophin synthetic peptide with sequences corresponding to the N-term region Accession # Q6UXH0
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.
Immunocytochemistry	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

Betatrophin also known as C19orf80, ANGPTL8, and TD26, is a secreted hormone protein. It is 198 amino acids (aa) in length, and shares 72% aa identity with mouse Betatrophin. It is primarily expressed in the liver and adipose tissue and has been shown to be increased in the plasma of diabetic patients. Additionally, Betatrophin has been demonstrated to increase the proliferation of beta cells in the pancreas of mice.

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