

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ANGPTL3 in direct ELISAs and Western blots. In direct ELISAs, this antibody shows approximately 40% cross-reactivity with recombinant mouse (rm) ANGPTL3 and no cross-reactivity with rhAng-1, rhAng-2, or rhAng-4.
Source	Monoclonal Mouse IgG _{2B} Clone # 370207
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human Angiopoietin-like 3 Ser17-Glu460 Accession # Q9Y5C1
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

Angiopoietin-like 3 (ANGPTL3) is a secreted glycoprotein that belongs to the angiopoietin family. It is expressed in the liver and circulates as 70 kDa, 50 kDa, and 32 kDa species. These include full length ANGPTL3 as well as the proteolytically separated N- and C-terminal fragments which contain a coiled coil domain and fibrinogen-like domain, respectively. ANGPTL3 promotes an increase in circulating triglyceride levels by directly inhibiting lipoprotein lipase. Mature human ANGPTL3 shares 77% amino acid sequence identity with mouse ANGPTL3.

PRODUCT SPECIFIC NOTICES

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