

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LTBP-1 from the large latent TGF-β1 complex.
Source	Monoclonal Mouse IgG ₁ Clone # 35409
Purification	Protein A or G purified from ascites
Immunogen	Human platelet-derived large latent TGF-β1 complex
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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.
Immunoaffinity Purification	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

TGF-β is synthesized as high molecular weight latent complexes. In platelets, the large latent TGF-β1 complex is composed of three components: mature TGF-β1 dimer; latency associated peptide; and a latent TGF-β binding protein (LTBP) (1-3). The cDNAs for four binding proteins (LTBP-1, -2, -3 and -4) have now been cloned (4-5).

PRODUCT SPECIFIC NOTICES

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