Human Lymphotoxin β/TNFSF3
Alexa Fluor® 750-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 135105

Catalog Number: FAB1684S

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Lymphotoxin αβ heterotrimers in direct ELISAs and Western blots. This antibody detects an epitope in the Lymphotoxin β subunit. In direct ELISAs, this antibody does not cross-react with recombinant human (rh) Lymphotoxin α, rh
Source	Monoclonal Mouse IgG_{2B} Clone # 135105
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*S. frugiperda* insect ovarian cell line *Sf* 21-derived recombinant human Lymphotoxin α/β
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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

Lymphotoxin β is a type II transmembrane protein member of the TNF ligand superfamily and is now designated TNFSF3. Lymphotoxin β associates with Lymphotoxin α to form two types of heterotrimers, Lymphotoxin $\alpha_1\beta_2$ and Lymphotoxin $\alpha_2\beta_1$. Lymphotoxin β is expressed by activated CD4 T cells, unpolarized IL-2-secreting effector T cells, and Th1 effector cells.

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Bio-Techne®
Global | bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL: 1.612.379.2956
USA | TEL: 800.343.7475 Canada | TEL: 855.668.8722 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475