Human/Mouse Ribosomal Protein L17 Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 702142

Catalog Number: FAB7158T

100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human Ribosomal Protein L17 in direct ELISAs, and human and mouse Ribosomal Protein L17 in Western blots.
Source	Monoclonal Mouse IgG_1 Clone # 702142
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human Ribosomal Protein L17 Cys70-Glu184 Accession # P18621
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.
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

Ribosomal protein-large subunit 17 (RP-L17) is a 132 amino acid (aa), 23 kDa component of the ribosomal large subunit, and is the mammalian ortholog of the bacterial protein, L22. It is located at the ribosomal surface near the exit tunnel. Its position shifts upon translation of a transmembrane sequence, presumably aiding folding. The portion of human Ribosomal Protein L17 expressed as an immunogen shares >99% aa sequence identity with mouse and rat Ribosomal Protein L17.

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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