Human Rit1 Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 456201

Catalog Number: FAB4697T

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Rit1 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG_1 Clone # 456201
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human Rit1 Met1-Thr219 Accession # Q92963
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.

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

Rit1 is a member of the Ras-related small GTPase superfamily. The 219 amino acid, 25 kDa human Rit1 is a cytoplasmic cell membrane-associated protein that is expressed in most tissues. It is widely expressed in the developing and adult nervous systems and participates in NGF-induced axon outgrowth. Rit1 forms complexes with other small GTPases, such as cdc42 and Rac1, that are important during cell growth and polarity. Human Rit1 shares 95% amino acid identity with mouse and rat Rit1.

PRODUCT SPECIFIC NOTICES

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