Human MEKK3 Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 576240

Catalog Number: FAB6095R

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MEKK3 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG_1 Clone # 576240
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human MEKK3 Ser43-Tyr275 Accession # Q99759
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.*

Knockout Validated	Optimal dilution of this antibody should be experimentally determined.
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

MAPK/ERK kinase kinase 3 (MEKK3), also known as MEK kinase 3 and MAP3K3, is a widely expressed 71 kDa Ser/Thr kinase in the SEK, MEK, and MyD88-IRAK-TRAF6 signal transduction pathways. It contains a PB1 domain (aa 45-123), a region with several phosphorylation sites, and a protein kinase domain (aa 361-621). MEKK3 is involved in tissue morphogenesis, inflammation, and the response to cellular stress. Its activation leads to the activation of NFκB following stimulation of IL-1 R, TLR4, TLR8, TNF RI, and the AT1 angiotensin receptor.

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