Human FADD Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 709736

Catalog Number: FAB7047T

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FADD when phosphorylated on Ser194.
Source	Monoclonal Mouse IgG_{2A} Clone # 709736
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Phosphopeptide containing the human FADD S194 site
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.
Immunocytochemistry	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

Human FADD (Fas-Associating protein with Death Domain), also known as MORT1, is a 25 kDa, 208 amino acid (aa) adaptor protein that mediates signaling of death domain-containing TNF receptor superfamily members and is thus a major regulator of apoptosis. FADD is also implicated in proliferation, cell cycle progression, tumor development, inflammation, innate immunity and autophagy. Phosphorylation on human FADD Ser194 (Ser191 in mouse) is found in T cells arrested at G2/M in the cell cycle; this effect is independent of death domain receptors. Human FADD shares 68% aa identity with mouse and rat FADD.

PRODUCT SPECIFIC NOTICES

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