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Product datasheet for TA306040

FAIM3 (FCMR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Toso antibody was raised against a 13 amino acid peptide from near the carboxy terminus of human Toso.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Fc fragment of IgM receptor
Database Link:	NP_005440 Entrez Gene 9214 Human O60667

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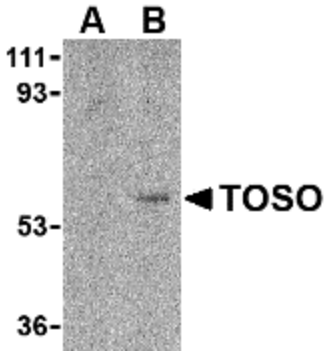
Background: Apoptosis is an important process by which normal tissue homeostasis and function are maintained. One of the major signals that regulate this process is mediated by the activation of the Fas receptor by its ligand. This leads to the formation of a Fas-associated death domain (FADD)- containing death-inducing signaling complex and the activation of caspase-8, which in turn activates downstream effector caspases, such as caspase-3 and -7. Recent experiments have shown that overexpression of Toso, a novel regulator of Fas-induced apoptosis in lymphoid cells, in Jurkat cells as well as transgenic mice render these cells resistant to Fas-induced apoptosis but not to TRAIL-induced apoptosis. Furthermore, Toso was found to associate with FADD, suggesting that Toso functions by disrupting the formation of the death-inducing signaling complex. Despite its predicted molecular weight, Toso often migrates at 60 kDa in SDS-PAGE.

Synonyms: Fas apoptotic inhibitory molecule 3; OTTHUMP00000034619; regulator of Fas-induced apoptosis; TOSO

Product images:



Western blot analysis of Toso in human lung tissue lysate with Toso antibody at 1 ug/ml in either the (A) presence, or (B) absence of blocking peptide.