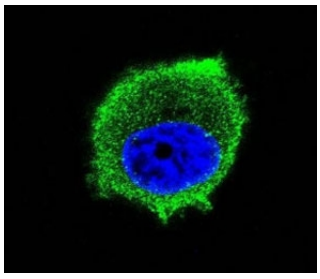
TRAF2 Antibody [clone 214CT16.3.4] (F40259)

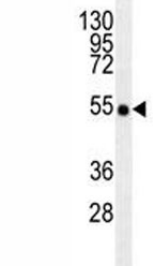
Catalog No.	Formulation	Size
F40259-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40259-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, k
Clone Name	214CT16.3.4
Purity	Purified
UniProt	Q12933
Applications	Immunofluorescence: 1:10-1:50 Western blot: 1:100-1:1000
Limitations	This TRAF2 antibody is available for research use only.



Confocal immunofluorescent analysis of TRAF2 antibody with MCF-7 cells followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used as a nuclear counterstain (blue).



TRAF2 antibody western blot analysis in T47D lysate. Predicted molecular weight: ~55kDa.

Description

The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from members of the TNF receptor superfamily. This protein directly interacts with TNF receptors, and forms a heterodimeric complex with TRAF1. This protein is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF1 interacts with the inhibitor-of-apoptosis proteins (IAPs), and functions as a mediator of the anti-apoptotic signals from TNF receptors. The interaction of this protein with TRADD, a TNF receptor associated apoptotic signal transducer, ensures the recruitment of IAPs for the direct inhibition of caspase activation. BIRC2/c-IAP1, an apoptosis inhibitor possessing ubiquitin ligase activity, can unbiquitinate and induce the degradation of this protein, and thus potentiate TNF-induced apoptosis. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of only one transcript has been determined.

Application Notes

Titration of the TRAF2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This TRAF2 antibody was produced from a mouse immunized with TRAF2 recombinant protein.

Storage

Aliquot the TRAF2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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