

10-6553: Mouse Monoclonal Antibody to TRAF2 (Clone: 214CT16.3.4)(Discontinued)

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| Clonality : | Monoclonal |
| Clone Name : | 214CT16.3.4 |
| Application : | WB,IF |
| Reactivity : | Human |
| Gene : | TRAF2 |
| Gene ID : | 7186 |
| Uniprot ID : | Q12933 |
| Format : | Purified |
| Alternative Name : | TNF receptor-associated factor 2, 632-, E3 ubiquitin-protein ligase TRAF2, Tumor necrosis factor type 2 receptor-associated protein 3, TRAF2, TRAP3 |
| Isotype : | Mouse IgG1,Kappa |
| Immunogen Information : | Recombinant Protein |

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 ubiquitinate 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.

Product Info

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| Amount : | 80 µl / 400 µl |
| Purification : | Protein G Chromatography |
| Content : | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage condition : | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Application Note

IF~1:10~50|| WB~1:100~1000

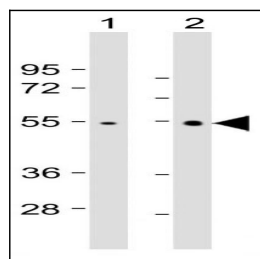


Figure 1: All lanes : Anti-TRAF2 Antibody (10-6553) at 1:1000 dilution with Lane 1: 293 whole cell lysate and Lane 2: HeLa whole cell lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 56 kDa.

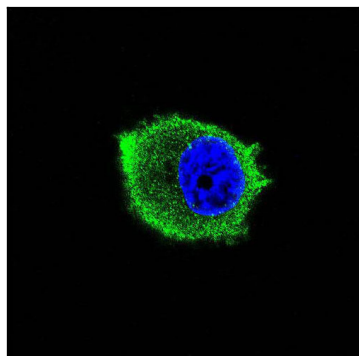


Figure 2: Confocal immunofluorescent analysis of TRAF2 Antibody (10-6553) with MCF-7 cell followed by Alexa Fluor® 488-conjugated goat anti-mouse IgG (green). DAPI was used to stain the cell nuclear (blue).

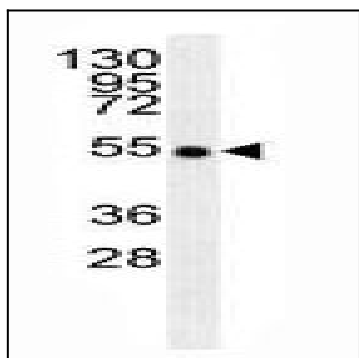


Figure 3: Western blot analysis of TRAF2/MB10188 antibody (10-6553) in T47D cell line lysates (35 µg/lane). This demonstrates the TRAF2/MB10188 antibody detected the TRAF2/MB10188 protein.