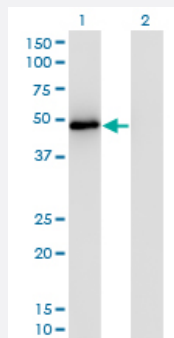


TRAF2 monoclonal antibody (M04A), clone 4C11

Catalog # H00007186-M04A

Size 200 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TRAF2 expression in transfected 293T cell line by TRAF2 monoclonal antibody (M04A), clone 4C11.

Lane 1: TRAF2 transfected lysate (55.9 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant TRAF2.

Immunogen

TRAF2 (AAH43492, 1 a.a. ~ 501 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

Sequence

MAASVTTPPGSLELLQPGFSKTLTGKLEAKYLCACRNVLRRPFQAQCGHRYCSFCLASILSSG
PQNCAACVHEGIYEEGISILESSAFPDNAARREVESLPAVCPDGTWKGTLKEYESCHEGRC
PLMLTECPACKGLVRLGEKERHLEHECPERSLSRHCRAPCGADVKAHHEVC PKFPLTCDGC
GKKKIPREKFQDHVKTGKCRVPCRFAIGCLETVEGEKQGEHEVQWLREHLAMLLSSVLEAKP
LLGDQSHAGSELLQRCESELEKKTATFENIVCVLNREVERVAMTAEACSRQHRLDQDKIEALSSKV
QQLERSIGLKDLAMADLEQKVLMEASTYDGVFWKISDFARKRQEAVAGRIPAIFSPAFYTSRYGY
KMCLRYLNGDGTGRGTHLSLFFVVMKGPNDALLRWPFNQKVTLMLLDQNNREHVIDAFRPDVT
SSFQRPVNDMNASGCPLFCPVSKMEAKNSYVRDDAIFKAIVDLTGL

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.

Storage Buffer

In ascites fluid

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of TRAF2 expression in transfected 293T cell line by TRAF2 monoclonal antibody (M04A), clone 4C11.

Lane 1: TRAF2 transfected lysate(55.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- ELISA

Gene Info — TRAF2

Entrez GeneID [7186](#)

GeneBank Accession# [BC043492](#)

Protein Accession# [AAH43492](#)

Gene Name TRAF2

Gene Alias MGC:45012, TRAP, TRAP3

Gene Description TNF receptor-associated factor 2

Omim ID [601895](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000022625|OTTHUMP00000064745|tumor necrosis factor type 2 receptor associated protein 3

Pathway

- [Adipocytokine signaling pathway](#)
- [Apoptosis](#)
- [MAPK signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)

- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Retinopathy of Prematurity](#)
- [Skin Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)