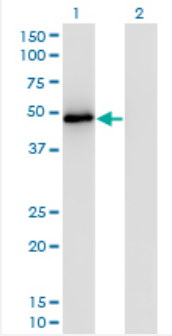
TRAF2 monoclonal antibody (M04A), clone 4C11

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	MAAASVTPPGSLELLQPGFSKTLLGTKLEAKYLCSACRNVLRRPFQAQCGHRYCSFCLASILSSG PQNCAACVHEGIYEEGISILESSSAFPDNAARREVESLPAVCPSDGCTWKGTLKEYESCHEGRC PLMLTECPACKGLVRLGEKERHLEHECPERSLSCRHCRAPCCGADVKAHHEVCPKFPLTCDGC GKKKIPREKFQDHVKTCGKCRVPCRFHAIGCLETVEGEKQQEHEVQWLREHLAMLLSSVLEAKP LLGDQSHAGSELLQRCESLEKKTATFENIVCVLNREVERVAMTAEACSRQHRLDQDKIEALSSKV QQLERSIGLKDLAMADLEQKVLEMEASTYDGVFIWKISDFARKRQEAVAGRIPAIFSPAFYTSRYGY KMCLRIYLNGDGTGRGTHLSLFFVVMKGPNDALLRWPFNQKVTLMLLDQNNREHVIDAFRPDVTS SSFQRPVNDMNIASGCPLFCPVSKMEAKNSYVRDDAIFIKAIVDLTGL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In ascites fluid

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

Applications

- ELISA
- 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

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 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. [provided by RefSeq

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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

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- 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

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