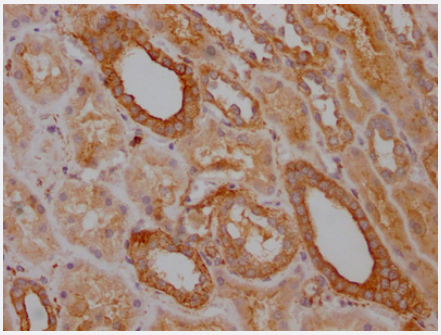
RecomAb™

TRAF2 recombinant monoclonal antibody, clone 9A5

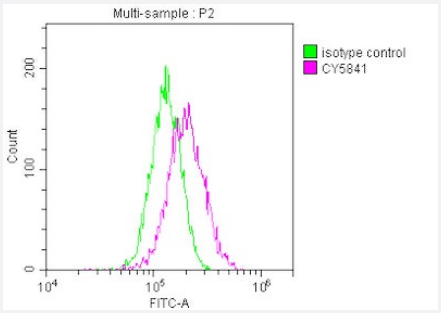
Catalog # RAB04019 Size 100 uL

Applications



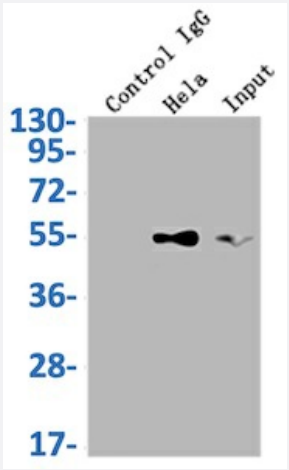
Immunohistochemistry

Immunohistochemistry image of TRAF2 recombinant monoclonal antibody, clone 9A5 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system.



Flow Cytometry

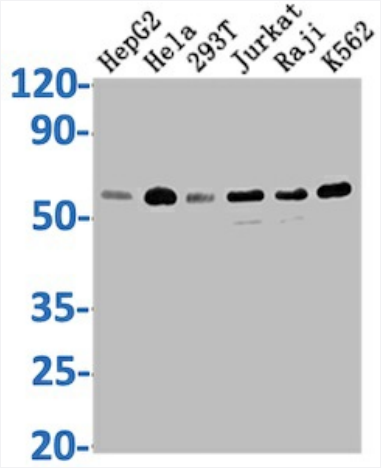
Overlay histogram showing Hela cells stained with TRAF2 recombinant monoclonal antibody, clone 9A5 (red line) at 1:50.



Immunoprecipitation

Immunoprecipitating TRAF2 in Hela whole cell lysate.

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Western Blot

Western Blot analysis of Lane 1: HepG2 whole cell lysate; Lane 2: Hela whole cell lysate; Lane 3: 293T whole cell lysate; Lane 4: Jurkat whole cell lysate; Lane 5: Raji whole cell lysate; Lane 6: K562 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TRAF2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human TRAF2.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry (1:20-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation(1:200-1:1000) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

- Immunohistochemistry

  Immunohistochemistry image of TRAF2 recombinant monoclonal antibody, clone 9A5 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system.

- Flow Cytometry

  Overlay histogram showing Hela cells stained with TRAF2 recombinant monoclonal antibody, clone 9A5 (red line) at 1:50.

- Enzyme-linked Immunoabsorbent Assay

- Immunoprecipitation

  Immunoprecipitating TRAF2 in Hela whole cell lysate.

- Western Blot

  Western Blot analysis of Lane 1: HepG2 whole cell lysate; Lane 2: Hela whole cell lysate; Lane 3: 293T whole cell lysate; Lane 4: Jurkat whole cell lysate; Lane 5: Raji whole cell lysate; Lane 6: K562 whole cell lysate.

Gene Info — TRAF2

Entrez GeneID	7186
Protein Accession#	Q12933
Gene Name	TRAF2
Gene Alias	MGC:45012, TRAP, TRAP3
Gene Description	TNF receptor-associated factor 2
Omim ID	601895
Gene Ontology	Hyperlink

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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
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

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- 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

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