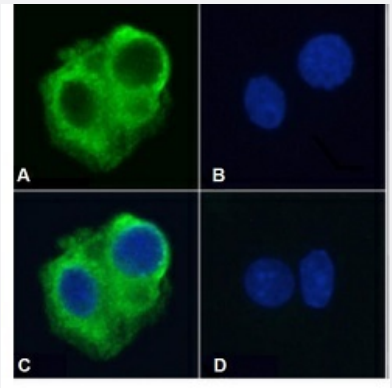
RecomAb™

TNFRSF10B recombinant monoclonal antibody, clone TRA-8

Catalog # RAB03416 Size 200 ug

Applications



Immunofluorescence

Immunofluorescent staining of HepG2 cells with TNFRSF10B recombinant monoclonal antibody, clone TRA-8 (Cat # RAB03416).
Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells stained with the chimeric r version of RAB03416 at 10 ug/mL for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). The isotype control was stained with anti-Fluorescein antibody followed by staining with Alexa Fluor® 488 secondary antibody.
(A) RAB03416
(B) DAPI
(C) Merged channels
(D) Isotype control

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TNFRSF10B.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a fusion protein containing the extracellular portion of human TNF RSF10B and the Fc portion of human IgG1.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG

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Recommend Usage	ELISA Flow Cytometry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence

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- Flow Cytometry

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

Gene Info — TNFRSF10B

Entrez GeneID	8795
Gene Name	TNFRSF10B
Gene Alias	CD262, DR5, KILLER, KILLER/DR5, TRAIL-R2, TRAILR2, TRICK2, TRICK2A, TRICK2B, TRICK B, ZTNFR9
Gene Description	tumor necrosis factor receptor superfamily, member 10b
Omim ID	275355 603612
Gene Ontology	Hyperlink

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Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene. [provided by RefSeq
Other Designations	Fas-like protein|OTTHUMP00000123492|TNF-related apoptosis-inducing ligand receptor 2|TRAIL receptor 2|apoptosis inducing protein TRICK2A/2B|apoptosis inducing receptor TRAIL-R2|cytotoxic TRAIL receptor-2|death domain containing receptor for TRAIL/Apo-2L|d

Pathway

- Apoptosis
- Cytokine-cytokine receptor interaction
- Natural killer cell mediated cytotoxicity
- p53 signaling pathway

Disease

- Asthma
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Cleft Lip
- Cleft Palate
- Colorectal Neoplasms
- Diabetes Mellitus
- Disease Progression
- Edema
- Genetic Predisposition to Disease
- Head and Neck Neoplasms

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- Hematologic Diseases
- Hodgkin Disease
- Lymphoproliferative Disorders
- Multiple Myeloma
- Neoplasm Metastasis
- Neoplasms
- Occupational Diseases
- Prostatic Neoplasms
- Recurrence
- Waldenstrom Macroglobulinemia
- Werner syndrome

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