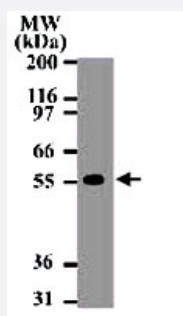


TNFRSF10A monoclonal antibody, clone 32A1380

Catalog # MAB0054

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of 15 ug of total cell lysate from Daudi cells with TNFRSF10A monoclonal antibody, clone 32A1380 (Cat # MAB0054) at 2 ug/mL .

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of TNFRSF10A.
Immunogen	A synthetic peptide corresponding to amino acids 1-20 of human TNFRSF10A.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of 15 ug of total cell lysate from Daudi cells with TNFRSF10A monoclonal antibody, clone 32A1380 (Cat # MAB0054) at 2 ug/mL .

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

Gene Info — TNFRSF10A

Entrez GeneID [8797](#)

Gene Name TNFRSF10A

Gene Alias APO2, CD261, DR4, MGC9365, TRAILR-1, TRAILR1

Gene Description tumor necrosis factor receptor superfamily, member 10a

Omim ID [603611](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. [provided by RefSeq]

Other Designations TNF-related apoptosis inducing ligand receptor 1|cytotoxic TRAIL receptor|death receptor 4

Publication Reference

- [Synergistic apoptosis of human gastric cancer cells by bortezomib and TRAIL.](#)

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Application: WB-Ce, Human, Human gastric cancer cells, SNU-216 cells

- [4-Tertiary butyl phenol exposure sensitizes human melanocytes to dendritic cell-mediated killing: relevance to vitiligo.](#)

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- [Differential regulation of the TRAIL death receptors DR4 and DR5 by the signal recognition particle.](#)

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- [Interferon-alpha sensitizes human hepatoma cells to TRAIL-induced apoptosis through DR5 upregulation and NF-kappa B inactivation.](#)

Shigeno M, Nakao K, Ichikawa T, Suzuki K, Kawakami A, Abiru S, Miyazoe S, Nakagawa Y, Ishikawa H, Hamasaki K, Nakata K, Ishii N, Eguchi K.

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- [Differential roles of RelA \(p65\) and c-Rel subunits of nuclear factor kappa B in tumor necrosis factor-related apoptosis-inducing ligand signaling.](#)

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Cancer Research 2003 Mar; 63(5):1059.

- [Evidence that the human death receptor 4 is regulated by activator protein 1.](#)

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Application: WB-Ce, Human, H1792, PC-3 cells

- [Inflammatory cytokine regulation of TRAIL-mediated apoptosis in thyroid epithelial cells.](#)

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Application: Flow Cyt, WB-Ce, Human, Human thyroid cells

- [Innate direct anticancer effector function of human immature dendritic cells. II. Role of TNF, lymphotoxin-alpha\(1\)beta\(2\), Fas ligand, and TNF-related apoptosis-inducing ligand.](#)

Ganwei Lu, Bratislav M Janjic, Jelena Janjic, Theresa L Whiteside, Walter J Storkus, Nikola L Vujanovic.

Journal of Immunology 2002 Feb; 168(4):1831.

Application: Blocking, Flow Cyt, Human, Monocyte-derived immature dendritic cells, PCI-13 SCCHN cells

- [Glioma cells deficient in urokinase plasminogen activator receptor expression are susceptible to tumor necrosis factor-alpha-related apoptosis-inducing ligand-induced apoptosis.](#)

Krishnamoorthy B, Darnay B, Aggarwal B, Dinh DH, Kouraklis G, Olivero WC, Gujrati M, Rao JS.

Clinical Cancer Research 2001 Dec; 7(12):4195.

Application: Flow Cyt, Human, SNB19 glioma cells

- [Differential expression of members of the tumor necrosis factor alpha-related apoptosis-inducing ligand pathway in prostate cancer cells.](#)

Sridhar S, Ali AA, Liang Y, El Etreby MF, Lewis RW, Kumar MV.

Cancer Research 2001 Oct; 61(19):7179.

Application: WB-Ce, WB-Tr, Human, LNCaP, LNCaP C4-2 cells

Pathway

- [Apoptosis](#)
- [Cytokine-cytokine receptor interaction](#)
- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Adenocarcinoma](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Narcolepsy](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)

- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)