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TNFRSF10A Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TNFRSF10A.
Catalog # AT4270a

Specification

TNFRSF10A Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	O00220
Other Accession	BC012866
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**50089**

TNFRSF10A Antibody (monoclonal) (M01) - Additional Information

Gene ID 8797

Other Names
Tumor necrosis factor receptor superfamily member 10A, Death receptor 4, TNF-related apoptosis-inducing ligand receptor 1, TRAIL receptor 1, TRAIL-R1, CD261, TNFRSF10A, APO2, DR4, TRAILR1

Target/Specificity
TNFRSF10A (AAH12866, 105 a.a. ~ 204 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000
E~~N/A

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

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

Precautions
TNFRSF10A Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

TNFRSF10A Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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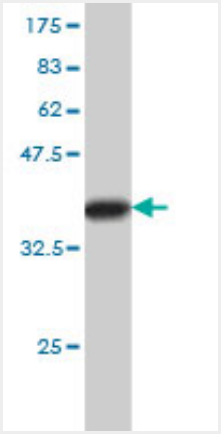
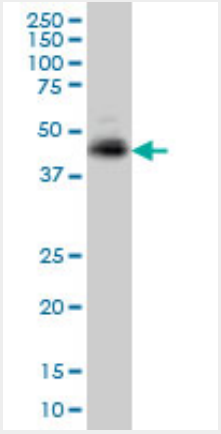
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

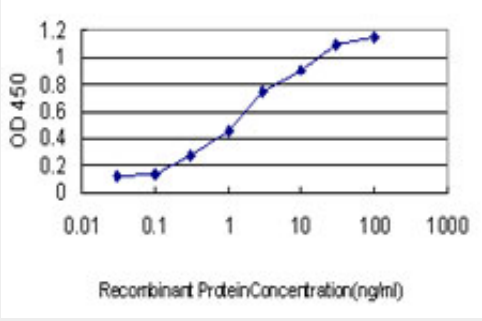
TNFRSF10A Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



TNFRSF10A monoclonal antibody (M01), clone 2E8 Western Blot analysis of TNFRSF10A expression in K-562 ((Cat # AT4270a)



Detection limit for recombinant GST tagged TNFRSF10A is approximately 0.03ng/ml as a capture antibody.

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TNFRSF10A Antibody (monoclonal) (M01) - Background

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.

TNFRSF10A Antibody (monoclonal) (M01) - References

An approach based on a genome-wide association study reveals candidate loci for narcolepsy. Shimada M, et al. Hum Genet, 2010 Oct. PMID 20677014.Mutational analysis of death receptor genes Fas, TRAILR1 and TRAILR2 in prostate carcinomas. Park SW, et al. APMIS, 2010 Aug. PMID 20666744.Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) induces chemotactic migration of monocytes via a death receptor 4-mediated RhoGTPase pathway. Wei W, et al. Mol Immunol, 2010 Sep. PMID 20638129.Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.TNFR 2 M196R polymorphism and acne vulgaris in Han Chinese: a case-control study. Tian L, et al. J Huazhong Univ Sci Technolog Med Sci, 2010 Jun. PMID 20556591.