

TNFRSF25 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2026
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human TNFRSF25 (AA:extra(25-199)) expressed in E. Coli.
Mol wt	45.4kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	DR3;TR3;DDR3;LARD;APO-3;TRAMP;WSL-1;GEF720;WSL-LR;PLEKHG5;TNFRSF12

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed preferentially in the tissues enriched in lymphocytes, and it may play a role in regulating lymphocyte homeostasis. This receptor has been shown to stimulate NF-kappa B activity and regulate cell apoptosis. The signal transduction of this receptor is mediated by various death domain containing adaptor proteins. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation. [provided by RefSeq, Jul 2008]

Recommended Dilution

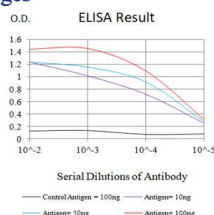
WB: 1:500 - 1:2000

FCM: 1:200-1:400

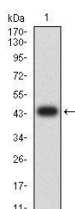
ELISA: 1:10000

Not yet tested in other applications.

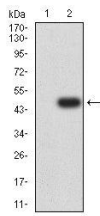
Images



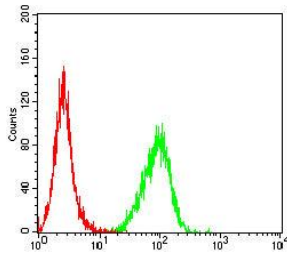
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



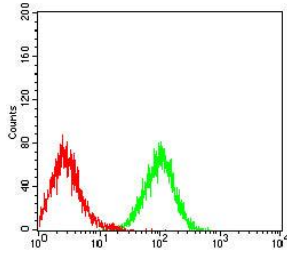
Western blot analysis using TNFRSF25 mAb against human TNFRSF25 (AA: (25-199)) recombinant protein. (Expected MW is 44.8kDa)



Western blot analysis using TNFRSF25 mAb against HEK293-6e (1) and TNFRSF25 (AA: (25-199))-hIgGFc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of THP-1 cells using TNFRSF25 mouse mAb (green) and negative control (red).



Flow cytometric analysis of Jurkat cells using TNFRSF25 mouse mAb (green) and negative control (red).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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