

GITR Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4444
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human GITR (AA: 184-241) expressed in E. Coli.
Mol wt	26kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	TNFRSF18;AITR;CD357;GITR-D

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

Background

This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Recommended Dilution

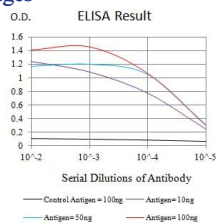
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

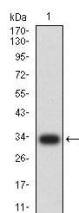
ELISA: 1:10000

Not yet tested in other applications.

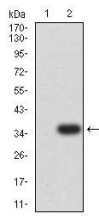
Images



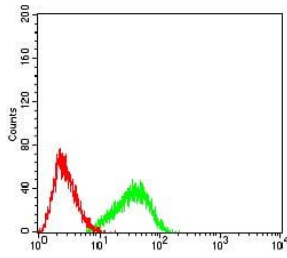
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using GITR mAb against human GITR (AA: 184-241) recombinant protein. (Expected MW is 32.8 kDa)



Western blot analysis using GITR mAb against HEK293 (1) and GITR (AA: 184-241)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HL-60 cells using GITR 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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