

BTLA Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3701
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human BTLA (AA: 179-289) expressed in E. Coli.
Mol wt	32.8kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	BTLA1;CD272

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

Background

This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis.

Recommended Dilution

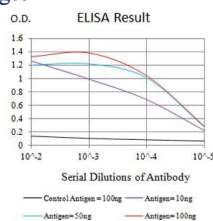
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

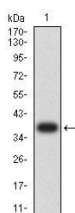
ELISA: 1:10000

Not yet tested in other applications.

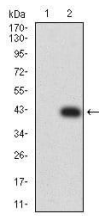
Images



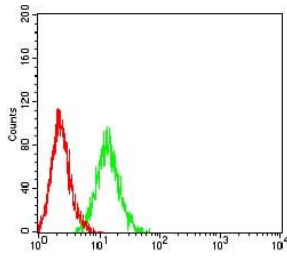
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using BTLA mAb against human BTLA (AA: 179-289) recombinant protein. (Expected MW is 38.3 kDa)



Western blot analysis using BTLA mAb against HEK293 (1) and BTLA (AA: 179-289)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HeLa cells using BTLA 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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