

CD178 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3829
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD178 (AA: extra 103-281) expressed in E. Coli.
Mol wt	31.5kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	FASLG;APTL;FASL;CD95L;ALPS1B;CD95-L;TNFSF6;TNLG1A;APT1LG1

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

Background

This gene is a member of the tumor necrosis factor superfamily. The primary function of the encoded transmembrane protein is the induction of apoptosis triggered by binding to FAS. The FAS/FASLG signaling pathway is essential for immune system regulation, including activation-induced cell death (AICD) of T cells and cytotoxic T lymphocyte induced cell death. It has also been implicated in the progression of several cancers. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE). Alternatively spliced transcript variants have been described.

Recommended Dilution

WB: 1:500 - 1:2000

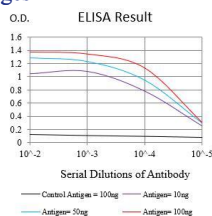
ICC: 1:50 - 1:200

FCM: 1:200 - 1:400

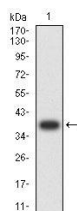
ELISA: 1:10000

Not yet tested in other applications.

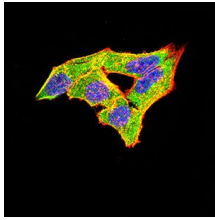
Images



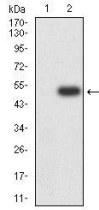
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



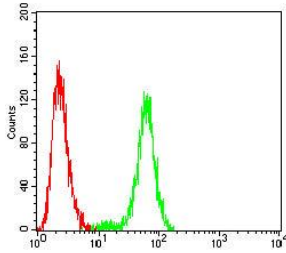
Western blot analysis using CD178 mAb against human CD178 (AA: extra 103-281) recombinant protein. (Expected MW is 46.4 kDa)



Immunofluorescence analysis of HeLa cells using CD178 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Western blot analysis using CD178 mAb against HEK293-6e (1) and CD178 (AA: extra 103-281)-hIgGFc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of Jurkat cells using CD178 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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