

CD7 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3694
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD7 (AA: 26-180) expressed in E. Coli.
Mol wt	25.4kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	GP40;TP41;Tp40;LEU-9

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

Background

This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.

Recommended Dilution

WB: 1:500 - 1:2000

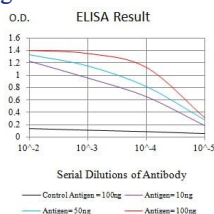
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

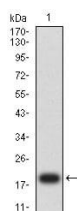
ELISA: 1:10000

Not yet tested in other applications.

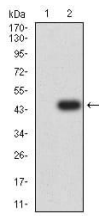
Images



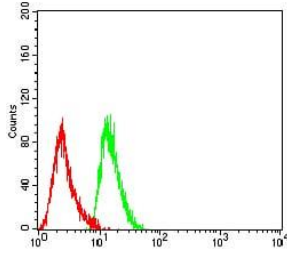
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



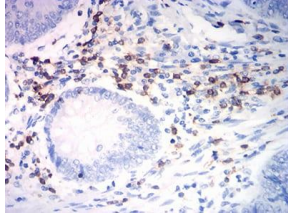
Western blot analysis using CD7 mAb against human CD7 (AA: 26-180) recombinant protein. (Expected MW is 19.3 kDa)



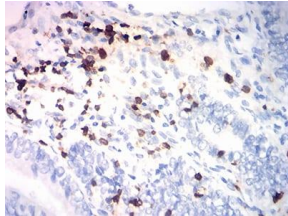
Western blot analysis using CD7 mAb against HEK293 (1) and CD7 (AA: 26-180)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of THP-1 cells using CD7 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using CD7 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues using CD7 mouse mAb with DAB staining.

Storage

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

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