

CEACAM3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2690
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CEACAM3 (AA: 35-155) expressed in E. Coli.
Mol wt	27kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	CEA;CGM1;W264;W282;CD66D

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

Background

This gene encodes a member of the family of carcinoembryonic antigen-related cell adhesion molecules (CEACAMs), which are used by several bacterial pathogens to bind and invade host cells. The encoded transmembrane protein directs phagocytosis of several bacterial species that is dependent on the small GTPase Rac. It is thought to serve an important role in controlling human-specific pathogens by the innate immune system. Alternatively spliced transcript variants have been described.

Recommended Dilution

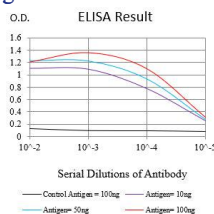
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

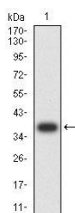
ELISA: 1:10000

Not yet tested in other applications.

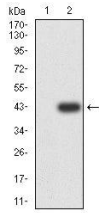
Images



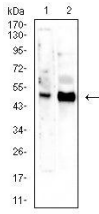
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



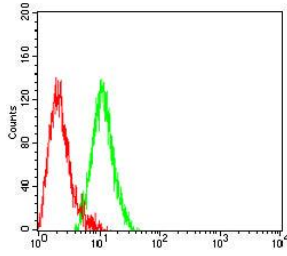
Western blot analysis using CEACAM3 mAb against human CEACAM3 (AA: 35-155) recombinant protein. (Expected MW is 39 kDa)



Western blot analysis using CEACAM3 mAb against HEK293-6e (1) and CEACAM3 (AA: 35-155)-hlgGFc transfected HEK293-6e (2) cell lysate.



Western blot analysis using CEACAM3 mouse mAb against rat spleen (1) and rat lung (2) tissue lysate.



Flow cytometric analysis of THP-1 cells using CEACAM3 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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