
Product Name: CEACAM3 Mouse Monoclonal Antibody**Catalog #: AMM82548**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	27kDa

Antigen Information

Gene Name	CEACAM3
Alternative Names	CEA; CGM1; W264; W282; CD66D
Gene ID	1084.0
SwissProt ID	P40198
Immunogen	Purified recombinant fragment of human CEACAM3 (AA: 35-155) expressed in E. Coli.

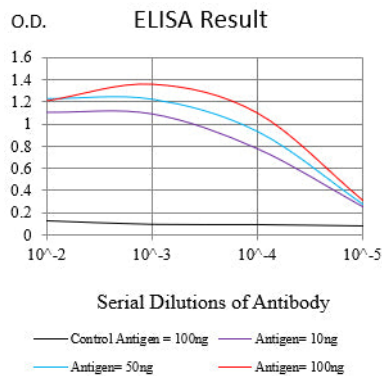
Background

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

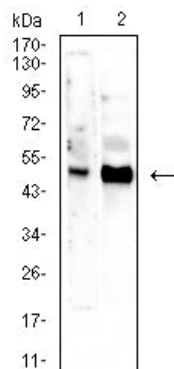
human-specific pathogens by the innate immune system. Alternatively spliced transcript variants have been described.

Research Area

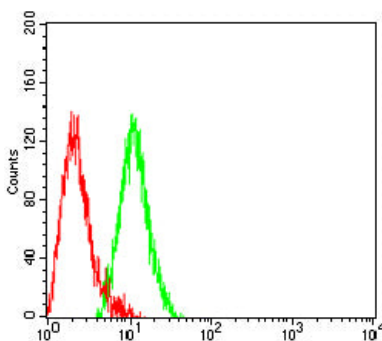
Image Data



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 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).