Recombinant CEACAM1 Monoclonal Antibody

catalog number: **AN301418L**

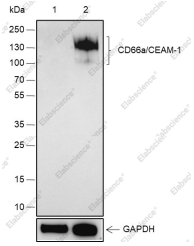
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant human CEACAM1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C321041
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100
FCM	1:50-1:100

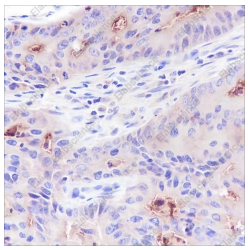
Data



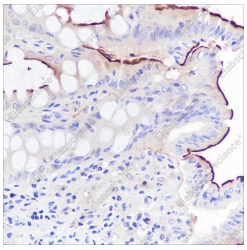
Western Blot with CEACAM1 Monoclonal Antibody at dilution of 1:1000. Lane 1: PC-3 (Negative control), Lane 2: HepG2

Observed-MW:100-180 kDa

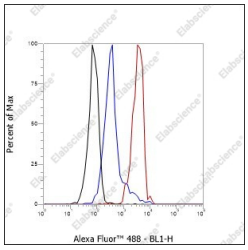
Calculated-MW:58 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using CEACAM1 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human colon using CEACAM1 Monoclonal Antibody at dilution of 1:100.



Flow cytometric analysis of human CEACAM1 expression on PBMCs cells. Cells were stained with purified anti-Human CEACAM1, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Cell adhesion protein that mediates homophilic cell adhesion in a calcium-independent manner. Plays a role as coinhibitory receptor in immune response, insulin action and functions also as an activator during angiogenesis. Cell adhesion protein that mediates homophilic cell adhesion in a calcium-independent manner. Promotes populations of T cells regulating IgA production and secretion associated with control of the commensal microbiota and resistance to enteropathogens.