

Datasheet for ABIN7193218
anti-CEACAM5 antibody (AA 35-165)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	CEACAM5
Binding Specificity:	AA 35-165
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEACAM5 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CEACAM5 (AA: 35-165) expressed in E. coli.
Clone:	3B9C9
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	CEACAM5
Alternative Name:	CEACAM5 (CEACAM5 Products)
Background:	Description: This gene encodes a cell surface glycoprotein that represents the founding

Target Details

member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants.

Aliases: CEA, CD66e

Molecular Weight: 76.8 kDa

Gene ID: 1048

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

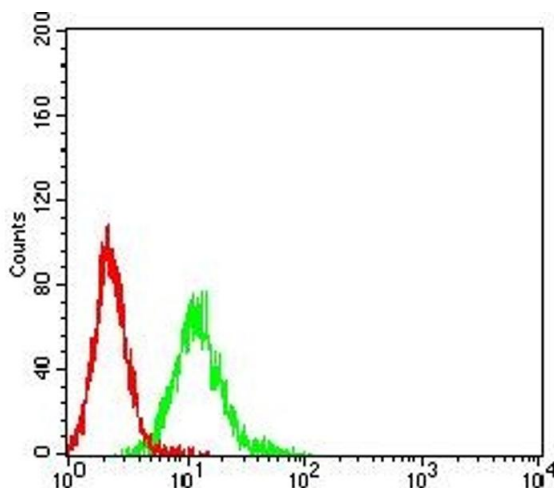
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

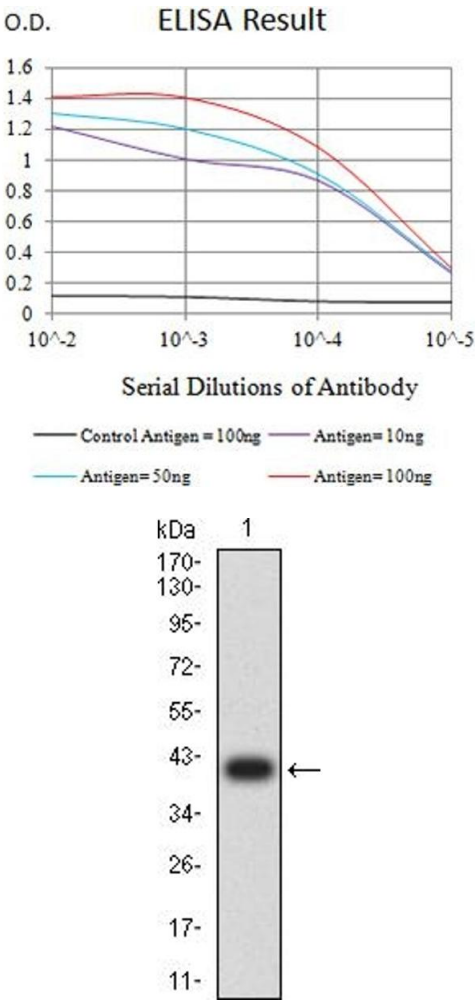
Storage Comment: 4°C, -20°C for long term storage

Images



Flow Cytometry

Image 1. Flow cytometric analysis of K562 cells using CEACAM5 mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using CEACAM5 mAb against human CEACAM5 (AA: 35-165) recombinant protein. (Expected MW is 40.5 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193218.