



Datasheet for ABIN7092921
anti-CEACAM5 antibody (AA 35-685)



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2 Images

Overview

Quantity:	100 µg
Target:	CEACAM5
Binding Specificity:	AA 35-685
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CEACAM5 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	Recombinant human CEACAM5 (Lys35-Ala685) (ABIN6961129) produced by using human HEK293 cells
Clone:	DM120
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	CEACAM5
Alternative Name:	CEACAM5 (CEACAM5 Products)
Background:	Synonyms:CEACAM-5,CD66e,CEA,Meconium antigen 100

Target Details

Description: This gene encodes a cell surface glycoprotein that represents the founding 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.

Molecular Weight: 72.2 kDa

Gene ID: 1048

UniProt: [P06731](#)

Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300

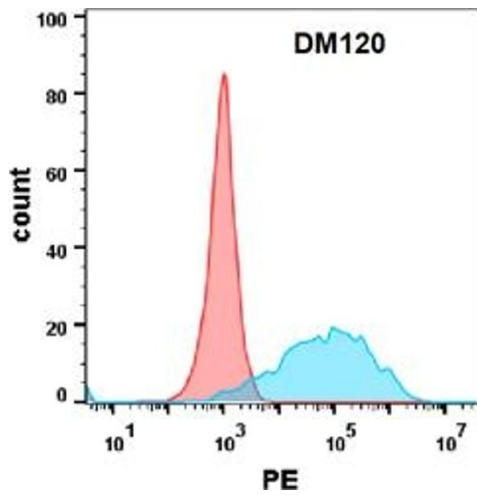
Preservative: ProClin

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

Storage: -20 °C, -80 °C

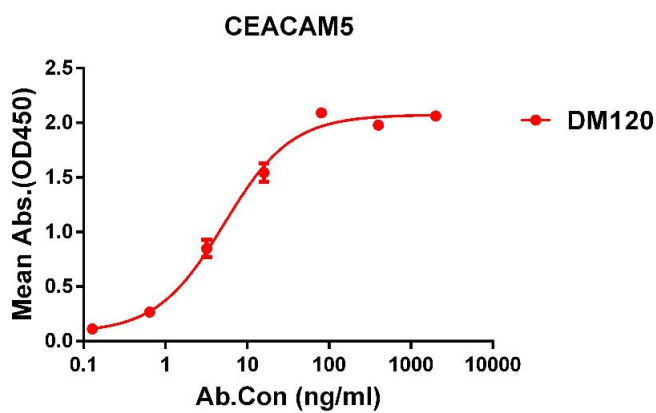
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



Flow Cytometry

Image 1. Flow cytometry analysis with Anti-CEACAM5 (DM120) on Expi293 cells transfected with human CEACAM5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



ELISA

Image 2. ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human CEACAM5 protein, His tagged protein ((ABIN6961129, ABIN7042287 and ABIN7042288)) can bind Rabbit anti-CEACAM5 monoclonal antibody(clone: DM120) in a linear range of 0. 1-50 ng/mL.