Cat. No. DME100122



## **PRODUCT INFORMATION**

Clone ID DM122 **Target** CEACAM5

**Synonyms** CEACAM-5;CD66e;CEA;Meconium antigen 100

**Host Species** Rabbit

Description Anti-CEACAM5 antibody(DM122); Rabbit mAb

**Delivery** In Stock **Uniprot ID** P06731 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human

**Applications** ELISA; Flow Cyt

Recommended

Storage & Shipping

**Background** 

**DIMA Disclaimer** 

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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.

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.

Usage Research use only

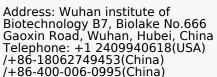
Conjugate Unconjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing apparent application to

ensure no IP infringement.



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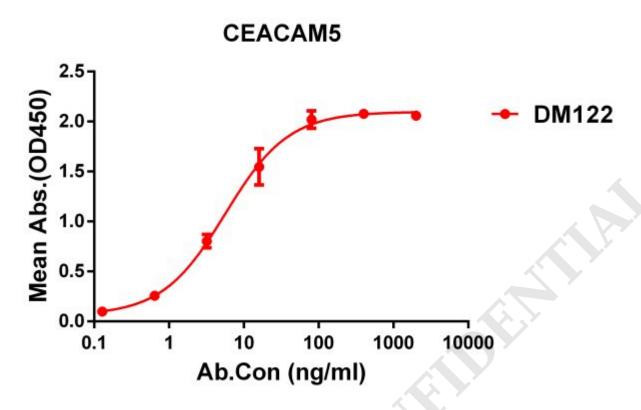
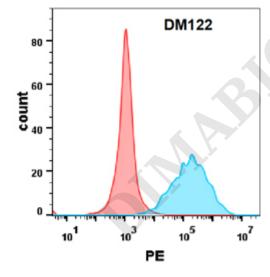


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human CEACAM5 protein, His tagged protein ([getskuurl sku="PME100071"]) can bind Rabbit anti-CEACAM5 monoclonal antibody (clone: DM122) in a linear range of 0.1-50 ng/ml.



**Figure 2.** Flow cytometry analysis with Anti-CEACAM5 (**DM122**) on Expi293 cells transfected with human CEACAM5(Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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