

# Rabbit anti-Human CEACAM-1/CD66a mAb(CAP)

**Catalog No.:** RMK0272

## Basic Information

**Catalog No.**  
RMK0272

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

## Contact

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## Background

CD66 is divided into CD66A-CD66E subtypes, among which CD66a and CD66c are the main subtypes of B-acute leukemia cells. Abnormal expression of membrane differentiation antigen in acute B lymphoblastic leukemia. CD66 is divided into CD66A-CD66E subtypes, among which CD66a and CD66c are the main subtypes of B-acute leukemia cells. CD66 is normally restricted to myeloid cells and is not expressed by lymphocytes. It acts as a co-suppressor of the receptor in immune response, insulin action, and as an activator in angiogenesis, whose co-suppressor function is phosphorylated and PTPN6-dependent, which in turn inhibits signal transduction of related receptors through dephosphorylation of its downstream effectors. It plays a role in the immune response of T cells, natural killer (NK) and neutrophils. It also inhibits T cell proliferation and cytokine production by inhibiting the JNK cascade, and inhibits T cells by interacting with HAVCR2, playing a key role in regulating autoimmunity and anti-tumor immunity.

## Immunogen Information

**Immunogen**  
Recombinant Human CD66a

## Cross-Reactivity

Human

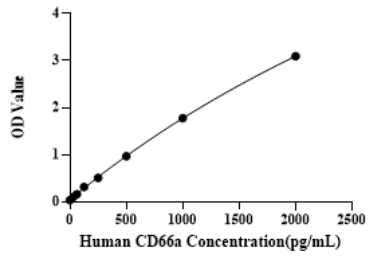
## Assay Applications

Human CEACAM-1/CD66a Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human CEACAM-1/CD66a (CAP)(Cat. No.RMK0272)
ELISA Detection	0.00165-0.066ug/mL	Rabbit anti-Human CEACAM-1/CD66a(DET)(Cat. No.RMK0273)
Standard	31.25-2000pg/mL	Recombinant Human CEACAM-1/CD66a Protein (Cat. No.RP00294)

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.