Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human CEACAM5 mAb (CAP)

Catalog No.: RM17917

Basic Information

Catalog No.
RM17917

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
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

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.

Immunogen Information

Immunogen
Recombinant Human CEA

Cross-Reactivity

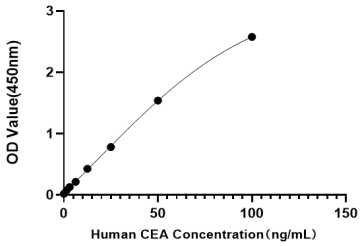
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Assay Applications

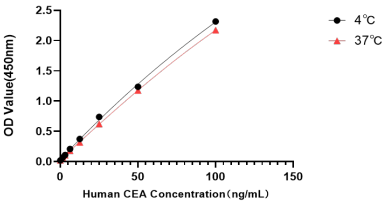
Human CEACAM5 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-human CEACAM5 mAb(CAP)(Cat. No.RM17917)
ELISA Detection	0.02-0.08ug/mL	Rabbit anti-human CEACAM5 mAb(DET)(Cat. No.RM17918)
Standard	1.56-100ng/mL	Recombinant Human Carcinoembryonic Antigen Protein

Validation Data



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



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.