

ARG10189
anti-CD66e / CEA antibody [CEA-Y2] (HRP)Package: 100 µl
Store at: -20°C

Summary

Product Description	HRP-conjugated Mouse Monoclonal antibody [CEA-Y2] recognizes CD66e / CEA
Tested Reactivity	Hu
Tested Application	ELISA
Host	Mouse
Clonality	Monoclonal
Clone	CEA-Y2
Isotype	IgG1, kappa
Target Name	CD66e / CEA
Species	Human
Immunogen	Human carcinoembryonic antigen (CEA)
Conjugation	HRP
Alternate Names	Carcinoembryonic antigen-related cell adhesion molecule 5; CEA; CD66e; CD antigen CD66e; Carcinoembryonic antigen; Meconium antigen 100

Application Instructions

Application Note	<p>ELISA: In combination with matched capture antibody CEA-Y1 (ARG10188), this HRP conjugated antibody can be used as tracer antibody in sandwich ELISA for CEA detection.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>
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Properties

Form	Liquid
Purification	Protein G affinity purified
Buffer	0.01M PBS (pH 7.2) and 50% Glycerol
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Keep the antibody in the dark and keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 1048 Human
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[Swiss-port # P06731 Human](#)

Gene Symbol	CEACAM5
Gene Full Name	carcinoembryonic antigen-related cell adhesion molecule 5
Background	Carcinoembryonic Antigen (CEA) is a 180-200 kD glycoprotein expressed at high level in the epithelial cells of the embryonic colon. The expression is stopped after birth. CEA serum content is low in normal population and only slightly elevated in heavy smokers. Increased serum CEA level was found to be associated with colorectal carcinoma, gastric carcinoma, pancreatic carcinoma, lung carcinoma, and breast carcinoma. However elevated CEA level does not necessarily indicate neoplastic conditions. CEA level is useful for monitoring tumour recurrence after surgical resection of carcinoma.
Function	Cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. Receptor for E.coli Dr adhesins. [UniProt]
Highlight	Related Antibody Duos and Panels: ARG30066 Carcinoembryonic Antigen ELISA Antibody Duo Related products: CD66e antibodies ; CD66e ELISA Kits ; CD66e Duos / Panels ; Anti-Mouse IgG secondary antibodies ;
Research Area	Cancer antibody; Developmental Biology antibody; Controls and Markers antibody; Microbiology and Infectious Disease antibody
Calculated Mw	77 kDa
PTM	Complex immunoreactive glycoprotein with a MW of 180 kDa comprising 60% carbohydrate.