

carcinoembryonic antigen (CEA) Recombinant Antibody | CEA recombinant antibody

Anti-carcinoembryonic antigen (CEA) [Arcitumomab]

CATALOG # AAA71950	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay
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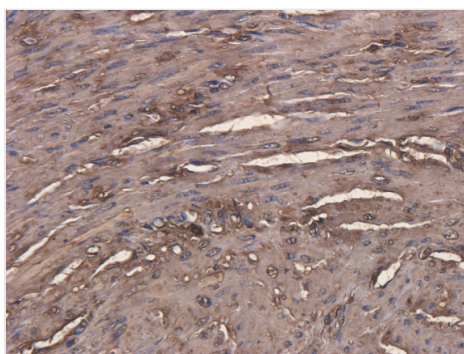
PRODUCT SYNONYMS

carcinoembryonic antigen (CEA); Anti-carcinoembryonic antigen (CEA) [Arcitumomab]; CEA recombinant antibody

PRODUCT SPECIFICATIONS

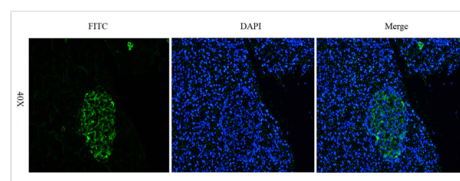
Reactivity	Human
Isotype	Human IgG1, kappa
Specificity	Recognizes human carcinoembryonic antigen.
Purity/Purification	Protein A Affinity Purified
Sequence Length	287
Applicable Applications for CEA recombinant antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Buffer Composition	PBS only with 0.02% Proclin 300.
Immunogen	Carcinoembryonic antigen (CEA) describes a set of highly related glycoproteins involved in cell adhesion normally produced in gastrointestinal tissue during fetal development, but only at very low levels in adults.
Chimeric Use Statement	NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of human endometrial cancer using anti-CEA antibody Formalin fixed human endometrial cancer slices were stained with a at 5 ug/ml.



IF (Immunofluorescence)

Immunofluorescent staining of rat pancreas using anti-CEA antibody Formaldehyde-fixed rat pancreas slices were stained with at 5 ug/ml and detected with a FITC-conjugated secondary antibody. shows cross-reactivity with rat.

ADDITIONAL INFORMATION

Related Product Information for CEA recombinant antibody	Recombinant monoclonal antibody to carcinoembryonic antigen (CEA). Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the hybridoma Arcitumomab. NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar.
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Product Categories/Family for CEA recombinant antibody	Biosimilar
References	Goldenberg DM, Wegener W. Studies of breast cancer imaging with radiolabeled antibodies to carcinoembryonic antigen. Acta Med Austrica PMID:9227788

NCBI AND UNIPROT INFORMATION

NCBI GI #	74722330
UniProt Accession #	Q13984
Molecular Weight	31,553 Da
NCBI Official Full Name	CEA protein
UniProt Protein Name	CEA protein
UniProt Gene Name	CEA
UniProt Entry Name	Q13984_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-recombinant-antibody/carcinoembryonic-antigen-cea/71950>