

Mouse anti-Human Carcino Embryonic Antigen CEA Monoclonal Antibody | anti-CEA antibody

Carcino Embryonic Antigen CEA Monoclonal Antibody [CB30]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59542	Mouse	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

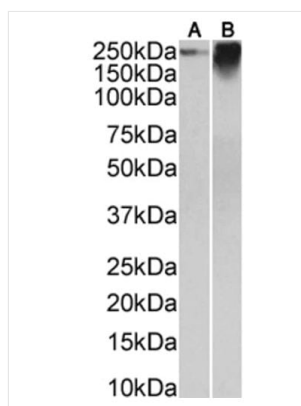
PRODUCT SYNONYMS

Carcino Embryonic Antigen CEA; Monoclonal Antibody; Carcino Embryonic Antigen CEA Monoclonal Antibody [CB30]; anti-CEA antibody

PRODUCT SPECIFICATIONS

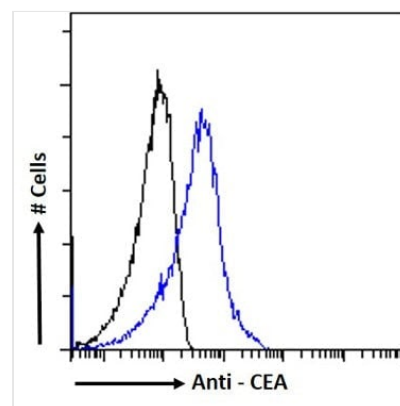
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CB30
Purity/Purification	Protein A or G purified
Form/Format	Purified antibody (from supernatant) containing PBS + 0.1% sodium azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CEA antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Full length native protein (purified)(Human)
Target Antigen	Carcino Embryonic Antigen CEA
Pubmed ID	24797403

IMAGES



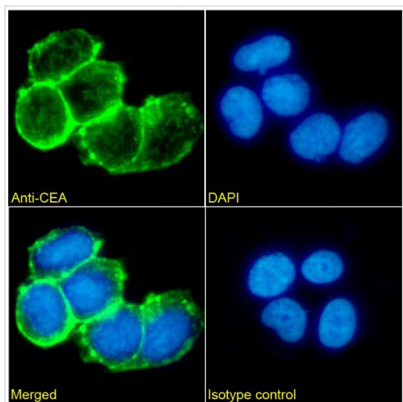
Application Data

1ug/ml) staining in MCF7(A) cells lysate and (0.003ug/ml) staining in human colorectal carcinoma(B) tissue lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



FCM/FACS (Flow Cytometry)

Blue line: Flow cytometric analysis of MCF7 cells. Primary incubation 1hr (1:50-1:100 dilution) followed by Alexa Fluor 488 conjugated goat Anti-mouse IgG (1:1000 dilution). Black line: Anti-Unknown Specificity Isotype control



IF (Immunofluorescence)
 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells. Primary incubation 1hr (1:50-1:100 dilution) followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane staining. The nuclear stain is DAPI (blue). Isotype control: Anti-Fluorescein followed by Alexa Fluor 488 secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373456
NCBI GeneID	1048
UniProt Accession #	P06731; H9KVA7
Molecular Weight	76,795 Da
NCBI Official Full Name	Carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Symbol	CEACAM5
NCBI Official Synonym Symbols	CEA; CD66e
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 5; meconium antigen 100
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 5
UniProt Gene Name	CEACAM5
UniProt Synonym Gene Names	CEA; CEA
UniProt Entry Name	CEAM5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/carcino-embryonic-antigen-cea-antibody-clone-cb30-immunohistochemistry-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/59542>