

CEACAM5 recombinant antibody

CEACAM5 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279151	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

PRODUCT SYNONYMS

CEACAM5; Monoclonal Recombinant Antibody; CEACAM5 Recombinant Monoclonal Antibody; Carcinoembryonic antigen; Carcinoembryonic antigen-related cell adhesion molecule 5; CD66e; CEA; Ceacam5; CEAM5_HUMAN; DKFZp781M2392; Meconium antigen 100; OTTHUMP00000199032; OTTHUMP00000199033; OTTHUMP00000199034; CEACAM5 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	4D8
Purity/Purification	Affinity purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for CEACAM5 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human CEACAM5 protein
Conjugation	Non-conjugated
Research Area	Cancer; Tags & Cell Markers; Immunology; Stem cells
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing Hela cells stained with AAA279151 (red line) at 1:100. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-human IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was human IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,026 events was performed.



IF (Immunofluorescence)

Immunofluorescence staining of MCF7 cell with AAA279151 at 1:150, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-human IgG(H+L).



IF (Immunofluorescence)

Immunofluorescence staining of Hela cell with AAA279151 at 1:150, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-human IgG(H+L).

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/ceacam5-recombinant-antibody-clone-4d8-flow-cytometry-immunofluorescence-elisa/279151>