

Mouse CD66e Monoclonal Antibody | anti-CD66e antibody

MOUSE ANTI HUMAN CD66e

CATALOG # AAA49601	HOST Mouse	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

CD66e; Monoclonal Antibody; MOUSE ANTI HUMAN CD66e; anti-CD66e antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	C365D3(NCRC23)
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	702
Applicable Applications for anti-CD66e antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3NSI myeloma cell line. Buffer Solution
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. This product is photosensitive and should be protected from the light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Published customer image: Immunostaining and cell surface expression of epithelial/pancreatic markers and overexpressed proteins in PaCa 5061 cells. 2A. The formaldehyde fixed and agar embedded cells were immunostained for the presence of pancreatic cancer markers CA 19-9 and CEA respectively, as well as for cytokeratin as epithelial cell marker proteins (upper panel). Several on RNA-level overexpressed genes (Microarray) were chosen. To confirm protein overexpression of selected amplified genes in PaCa 5061 cells immunostaining was performed for Mucin4, EGFR and CEACAM 6 (lower panel). 2B. FACS profiles of PaCa 5061 cells. Cell surface expression of CD44, EpCAM, EGFR, CEACAM1, CEACAM5 and CEACAM6 were obtained with specific antibodies as in materials and methods. Each histogram shows cell surface expression of the corresponding marker (filled curves) and the irrelevant, isotype-matched antibody (open curves). From: Kalinina T, Gng¶r C, Thieltges S, M¶ller-Krull M, Penas EM, Wicklein D, Streichert T, Schumacher U, Kalinin V, Simon R, Otto B, Dierlamm J, Schwarzenbach H, Effenberger KE, Bockhorn M, Izbicki JR, Yekebas EF. Establishment and characterization of a new human pancreatic adenocarcinoma cell line with high metastatic potential to the lung. BMC Cancer. 2010 Jun 16;10:295.

ADDITIONAL INFORMATION

Related Product Information for anti-CD66e antibody

Mouse anti Human CD66e antibody, clone C365D3 (NCRC23) recognizes human Carcinoembryonic antigen-related cell adhesion molecule 5, also known as CD66e, carcinoembryonic antigen, Meconium antigen 100, CEA or CEACAM5. CD66e is a 702 amino acid ~77 kDa GPI anchored membrane protein containing 7 Ig-like domains. Mouse anti Human CD66e antibody, clone C365D3 does not cross-react with normal cross-reacting antigen (CD66c), or with biliary g lycoprotein (CD66a) as indicated by binding assays (Price 1988, note: in this study Mouse anti Human CD66e antibody, clone C365D3 is designated as clone 6 (from author)).

NCBI AND UNIPROT INFORMATION

NCBI GI #	612407802
NCBI GeneID	1048
NCBI Accession #	NP_001278413.1
NCBI GenBank Nucleotide #	NM_001291484.1
UniProt Accession #	P06731; H9KVA7
Molecular Weight	76,724 Da
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 5 preproprotein
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd66e-antibody-clone-c365d3-ncrc23-immunohistochemistry-flow-cytometry-immunohistochemistry-elisa/49601>