

Mouse anti-Human CD66c Antibody | anti-CD66c antibody

Anti-Hu CD66c PE

CATALOG # AAA129187	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
-------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

CD66c; Anti-Hu CD66c PE; CEAL; NCA; CEACAM6; CEA cell adhesion molecule 6; anti-CD66c antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	Mouse IgG1 kappa
Clone Number	B6.2
Specificity	The mouse monoclonal antibody B6.2 recognizes a conformationally dependent epitope of native CD66c, a GPI-anchored extracellular glycoprotein expressed on granulocytes and epithelial cells.
Purity/Purification	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS), pH7.4, 15mM sodium azide
Applicable Applications for anti-CD66c antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Immunogen	Extracts from human breast carcinoma cells
Excitation Laser	blue (488 nm)
Workshop	HLDA V: MA135, HLDA VI: MA86
Preparation and Storage	Store at 2-8 degree C. Protect from prolonged exposure to light. Do not freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-CD66c antibody	CD66c is a GPI-anchored glycoprotein capable of homophilic adhesion and heterophilic binding to CD66a-e, CD62E, and galectins. It is expressed on granulocytes and epithelial cells, and has potential applications in the detection of sites of infection and inflammation.
References	Szpak CA, Johnston WW, Lottich SC, Kufe D, Thor A, Schlom J: Patterns of reactivity of four novel monoclonal antibodies (B72.3, DF3, B1.1 and B6.2) with cells in human malignant and benign effusions. Acta Cytol. 1984 Jul-Aug;28(4):356-67., URL: https://www.ncbi.nlm.nih.gov/pubmed/6205527 Yamagami S, Yokoo S, Amano S, Ebihara N: Characterization of bone marrow derived cells in the substantia propria of the human conjunctiva. Invest Ophthalmol Vis Sci. 2007 Oct;48(10):4476-81., URL: https://www.ncbi.nlm.nih.gov/pubmed/17898268 Watt SM, Teixeira AM, Zhou GQ, Doyonnas R, Zhang Y, Grunert F, Blumberg RS, Kuroki M, Skubitz KM, Bates PA: Homophilic adhesion of human CEACAM1 involves N-terminal domain interactions: structural analysis of the binding site. Blood. 2001 Sep 1;98(5):1469-79., URL: https://www.ncbi.nlm.nih.gov/pubmed/11520797 Thomas SN, Zhu F, Schnaar RL, Alves CS, Konstantopoulos K: Carcinoembryonic antigen and CD44 variant isoforms cooperate to mediate colon carcinoma cell adhesion to E- and L-selectin in shear flow. J Biol Chem. 2008 Jun 6;283(23):15647-55., URL: https://pubmed.ncbi.nlm.nih.gov/18375392/

NCBI AND UNIPROT INFORMATION

NCBI GI #	612407822
NCBI GeneID	4680
NCBI Accession #	NP_002474.4
NCBI GenBank Nucleotide #	NM_002483.6
UniProt Accession #	P40199; Q13774; Q14920; Q53XP7
Molecular Weight	37,195 Da
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 6 preproprotein
NCBI Official Synonym Full Names	carcinoembryonic antigen related cell adhesion molecule 6
NCBI Official Symbol	CEACAM6
NCBI Official Synonym Symbols	NCA; CEAL; CD66c
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Gene Name	CEACAM6
UniProt Synonym Gene Names	NCA

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://www.aaabiotech.com/mouse-human-antibody/cd66c/129187>