



Product Datasheet
CD66b (CEACAM8) monoclonal antibody
Catalogue Code: AGIM0190

Antibody Data

Product SKU:	AGIM0190	Clone	6/40c
Applications:	FC	Conjugate	Unconjugated
Reactivity:	Human		

Immunogen Information:

Host Species: Mouse

Isotype: IgG1 kappa.

Storage: Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles

Background:

CD66b, also known as CEACAM8 (Carcinoembryonic antigen-related (CEA) cell adhesion molecule 8, is a glycosyl phosphatidyl inositol- (GPI-) anchored glycoprotein. CD66b and related genes make up the CEA family belonging to the immunoglobulin superfamily. It is involved in cell cell communication*. In contrast to other members of the CEACAM gene family it does NOT serve as pathogen receptor (e.g. for Helicobacter pylori, Neisseria, Moraxella, Candida albicans). Immunologically CEACAMs are characterized as members of the CD66 cluster of differentiation. Antibodies to CD66b are commonly used in flow cytometry to distinguish granulocytes from other subtypes of leukocytes (B- and T-cells, NK-cells, Monocytes, DCs) In adults CEACAM8 is expressed in granulocytes together with CEACAM1, CEACAM3 and CEACAM6.