

# Anti-CEACAM8 (CD66b) [6/40c]

**Catalogue number:** 153323

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Bernhard B. Singer

**Institute:** LeukoCom

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-CEACAM8 (CD66b) [6/40c]

**Alternate name:** CD66b; CD67

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Monoclonal antibody directed against CEACAM8, used to investigate cell signalling-mediated effects on immune responses, including in cancer cells. Background and Research Application The carcino-embryonic antigen-related cell adhesion molecule 8 (CEACAM8) is a glycosylphosphatidylinositol (GPI)-linked protein also known as CD67, CGM6, and NCA-95. CEACAM8 is a member of the immunoglobulin superfamily, carcinoembryonic antigen (CEA)-like subfamily. CEACAM8, expressed on granulocytes, has been reported to induce activation in neutrophils and to be involved in heterophilic adhesion with CEACAM6. It is not expressed by peripheral blood monocytes or lymphocytes. CEACAM8 is stored in specific vesicles of granulocytes and acts as a marker for specific vesicles for exocytosis. The soluble form of CEACAM8 binds to CEACAM1, a trans-membrane-bound molecule expressed by certain normal epithelial, endothelial, different leukocyte subpopulations and some cancer cells.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1 kappa

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:**

Recombinant soluble human CEACAM8-Fc produced in HEK293 cells

**Immunogen UNIPROT ID:** P31997

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** CEACAM8, CD66b; CD67

**Target alternate names:**

**Target background:** Monoclonal antibody directed against CEACAM8, used to investigate cell signalling-mediated effects on immune responses, including in cancer cells. Background and Research Application The carcino-embryonic antigen-related cell adhesion molecule 8 (CEACAM8) is a glycosylphosphatidylinositol (GPI)-linked protein also known as CD67, CGM6, and NCA-95. CEACAM8 is a member of the immunoglobulin superfamily, carcinoembryonic antigen (CEA)-like subfamily. CEACAM8, expressed on granulocytes, has been reported to induce activation in neutrophils and to be involved in heterophilic adhesion with CEACAM6. It is not expressed by peripheral blood monocytes or lymphocytes. CEACAM8 is stored in specific vesicles of granulocytes and acts as a marker for specific vesicles for exocytosis. The soluble form of CEACAM8 binds to CEACAM1, a trans-membrane-bound molecule expressed by certain normal epithelial, endothelial, different leukocyte subpopulations and some cancer cells.

**Molecular weight:** 100 kDa

**Ic50:**

## Applications

**Application:** ELISA ; FACS ; IHC ; IP ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** Store at -20° C frozen. Avoid repeated freeze / thaw cycles

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:**

CancerTools.org