

# Anti-CEACAM5 (CD66e) [5C8C4]

**Catalogue number:** 153325

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Bernhard B. Singer

**Institute:** LeukoCom

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-CEACAM5 (CD66e) [5C8C4]

**Alternate name:** CD66e

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** CEACAM5/8 are glycoproteins involved in cell adhesion and intracellular signaling. They are normally produced during fetal development in the gut, and their production stops before birth. CEA is re-expressed in increased amounts in Intestinal Carcinomas and several other tumors.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1 kappa

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Soluble human CEA/CEACAM5

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** CEACAM5, CD66e

**Target alternate names:**

**Target background:** CEACAM5/8 are glycoproteins involved in cell adhesion and intracellular signaling. They are normally produced during fetal development in the gut, and their production stops before birth. CEA is re-expressed in increased amounts in Intestinal Carcinomas and several other tumors.

**Molecular weight:** 180 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:** -80° C

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

## Related tools

**Related tools:**

## References

**References:** Singer et al. 2014. PLoS One. 9(4):e94106. PMID: 24743304. ; Soluble CEACAM8 interacts with CEACAM1 inhibiting TLR2-triggered immune responses. ; Muturi et al. 2013. PLoS One. 8(9):e74654. PMID: 24040308. ; Tumor and endothelial cell-derived microvesicles carry distinct CEACAMs and influence T-cell behavior. ; Klaile et al. 2013. Respir Res. 14:85. PMID: 23941132. ; Carcinoembryonic antigen (CEA)-related cell adhesion molecules are co-expressed in the human lung and their expression can be modulated in bronchial epithelial cells by non-typable Haemophilus influenzae, Moraxella catarrhalis, TLR3, and type I and II int

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