

Anti-CEACAM1 (CD66a) [F7]

Catalogue number: 153379

Sub-type: Primary antibody

Images:

Contributor

Inventor: Bernhard B. Singer

Institute: LeukoCom

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CEACAM1 (CD66a) [F7]

Alternate name: CD66, BGP 1, BGP, CD66a, Carcinoembryonic Antigen Related Cell Adhesion Molecule 1; CD66a Antigen; BGP1; BGP; Biliary Glycoprotein 1; Antigen CD66

Class: Monoclonal

Conjugate: Unconjugated

Description: Carcinoembryonic antigen related cell adhesion molecules (CEACAM) (CD66a) belong to the immunoglobulin superfamily. They are highly glycosylated proteins with the typical N-terminal variable Ig-like domain followed by 0-6 constant Ig-like domains. A hydrophobic transmembrane domain with a cytoplasmic tail anchors CEACAM1 to the cell membrane. CEACAM1 is known as an epithelial tumour suppressor and an angiogenic growth factor.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Rat

Selectivity:

Host: Mouse

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: lysate from rat bladder cell line endogenously expressing ratCEACAM1

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CEACAM1

Target alternate names:

Target background: Carcinoembryonic antigen related cell adhesion molecules (CEACAM) (CD66a) belong to the immunoglobulin superfamily. They are highly glycosylated proteins with the typical N-terminal variable Ig-like domain followed by 0-6 constant Ig-like domains. A hydrophobic transmembrane domain with a cytoplasmic tail anchors CEACAM1 to the cell membrane. CEACAM1 is known as an epithelial tumour suppressor and an angiogenic growth factor.

Molecular weight:

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: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Singer et al. 2005. Eur J Immunol. 35(6):1949-59. PMID: 15909305. ; CEACAM1 (CD66a) mediates delay of spontaneous and Fas ligand-induced apoptosis in granulocytes. ; Singer et al. 2000. Cancer Res. 60(5):1236-44. PMID: 10728682. ; The tumor growth-inhibiting cell adhesion molecule CEACAM1 (C-CAM) is differently expressed in proliferating and quiescent epithelial cells and regulates cell proliferation.

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