

Anti-CEACAM3/5 (CD66d/e) [308/3-3]

Catalogue number: 153326

Sub-type:

Images:

Contributor

Inventor: Bernhard B. Singer

Institute: LeukoCom

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CEACAM3/5 (CD66d/e) [308/3-3]

Alternate name: CD66d, CD66e

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody directed against a shared epitope between CEACAM3 and 5. Background and Research Application Carcinoembryonic antigen-related cell adhesion molecule (CEACAM) 3/5 belong to the immunoglobulin superfamily. These proteins contain 1 Ig-like V-type (immunoglobulin-like) domain and the cytosolic domain is involved in S100A9 interaction. CEACAMs are reported to participate in diverse physiological processes, including cell adhesion, differentiation, proliferation, and survival, as well as in carcinogenesis and bacterial pathogenesis. CEACAM molecules play a crucial role within the innate immune system, via phagocytosis and pathogen clearance. This antibody reacts with an antigen epitope shared by CEACAM 3 and 5.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Recombinant soluble human CEACAM3-Fc produced in HEK293 cells

Immunogen UNIPROT ID: P40198

Sequence:

Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: CEACAM3/5, CD66d, CD66e

Target alternate names:

Target background: Monoclonal antibody directed against a shared epitope between CEACAM3 and 5. Background and Research Application Carcinoembryonic antigen-related cell adhesion molecule (CEACAM) 3/5 belong to the immunoglobulin superfamily. These proteins contain 1 Ig-like V-type (immunoglobulin-like) domain and the cytosolic domain is involved in S100A9 interaction. CEACAMs are reported to participate in diverse physiological processes, including cell adhesion, differentiation, proliferation, and survival, as well as in carcinogenesis and bacterial pathogenesis. CEACAM molecules play a crucial role within the innate immune system, via phagocytosis and pathogen clearance. This antibody reacts with an antigen epitope shared by CEACAM 3 and 5.

Molecular weight: 30, 180

Ic50:

Applications

Application: ELISA ; FACS ; IP ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1mg/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:

CancerTools.org