

# Anti-Human CD66a-168Er

Catalog: 3168020B

Clone: 283340

Package Size: 100 tests

Isotype: IgG2b

Storage: Store product at 4°C. Do not freeze.

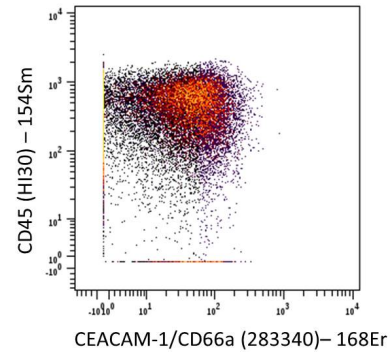
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Reactivity: Human,

## Technical Information

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to 3 X 10<sup>6</sup> live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



RBC-lysed human whole blood cells stained with 154Sm-anti-CD45 (HI30) and 168Er-anti-CEACAM-1/CD66a (283340). Total viable cells are displayed in the analysis.

## Description

CEACAM-1 (carcinoembryonic antigen-related cell adhesion molecule 1), also known as CD66a or BGP (biliary glycoprotein), is a 160 kDa member of the CEACAM branch of the CEA gene family of the immunoglobulin superfamily. CD66a is mainly expressed on granulocytes and plays a role in hemophilic and heterophilic adhesion. CD66a is also expressed in epithelia, in certain endothelia and in cells of the myeloid lineage. It is known as an epithelial tumor suppressor and an angiogenic growth factor.

## References

Bandura, D. R., et al. Mass Cytometry: Technique for Real Time Single Cell Multitarget Immunoassay Based on Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. *Analytical Chemistry* 81:6813-6822, 2009.

Ornatsky, O. I., et al. **Highly Multiparametric Analysis by Mass Cytometry.** *J Immunol Methods* 361 (1-2):1-20, 2010.

### For technical support visit [fluidigm.com/support](http://fluidigm.com/support)

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