

PerCP/Cy5.5 anti-human CD66a/c/e

Catalog # / 2311560 / 100 tests
Size: 2311555 / 25 tests

Clone: ASL-32

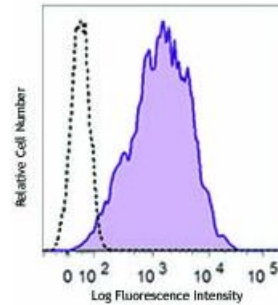
Isotype: Mouse IgG2b, κ

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PerCP/Cy5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cy5.5 and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Concentration: Lot-specific



Human colorectal adenocarcinoma cell line HT-29 was stained with CD66a/c/e (clone ASL-32) PerCP/Cy5.5 (filled histogram) or mouse IgG2b, κ PerCP/Cy5.5 isotype control (open histogram).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

* PerCP/Cy5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.

Application References: 1. Shey MS, et al. 2012. *J Immunol Methods*. 376:79. [PubMed](#).

Description: The ASL-32 mAb reacts with an antigen epitope shared by CD66a, c and e. CD66a/c/e are members of the CEA (carcinoembryonic antigen) family of the Ig superfamily. CD66 plays a role in hemophilic and heterophilic adhesion. CD66a, also known as CEACAM1 and BGP (biliary glycoprotein), is mainly expressed on granulocytes, binds to CD66a, c, e, and CD62E. CD66c (known as CEACAM6, NCA) is expressed on granulocytes and epithelial cells. The ligands of CD66c are CD66a-e, CD62E and Galectins. CD66e molecule is also called CEA or CEACAM5, and is primarily found on epithelial cells. CD66e binds to CD66a, c and e.

Antigen References: 1. Zola H, et al. 2007. *Leukocyte and Stromal Cell Molecules: The CD Markers*. Wiley-Liss. A John Wiley & Sons Inc. Publication