PE anti-human CD66a/c/e

|	
Catalog # / Size:	2311520 / 100 tests 2311515 / 25 tests
Clone:	ASL-32
Isotype:	Mouse IgG2b, κ
Reactivity:	Human
Preparation:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE 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
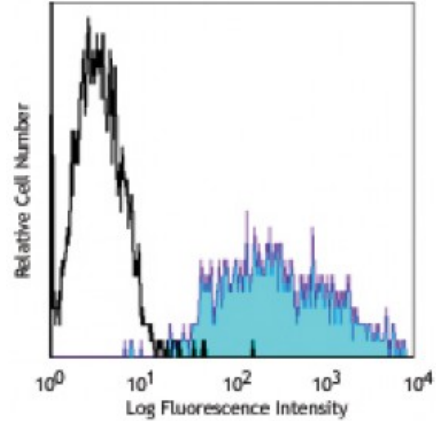
Human colorectal adenocarcinoma cell line HT29 stained with ASL-32 PE

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 microL to 5 microL per test**. Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
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*