



CD66b Antibody [G10F5] (PE)

CATALOG NUMBER: 76-593

Specifications

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| SPECIES REACTIVITY: | Human |
| TESTED APPLICATIONS: | FACS |
| USER NOTE: | Optimal dilutions for each application to be determined by the researcher. |
| SPECIFICITY: | The G10F5 monoclonal antibody specifically reacts with human CD66b, a 100kDa glycosylphosphatidylinositol (GPI) linked protein in the granulocyte-specific activation family. |
| HOST SPECIES: | Mouse |

Properties

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| PURIFICATION: | The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product. |
| PHYSICAL STATE: | liquid |
| BUFFER: | Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2. |
| CONCENTRATION: | 0.2 mg/mL |
| STORAGE CONDITIONS: | The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze. |
| CLONALITY: | Monoclonal |
| ISOTYPE: | Mouse IgM, kappa |
| CONJUGATE: | PE |

Additional Info

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| ALTERNATE NAMES: | CD67, CGM6, CD66b, NCA-95, CEACAM8 |
| OFFICIAL SYMBOL: | CEACAM8 |
| GENE ID: | 1088 |

Background

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| BACKGROUND: | The G10F5 monoclonal antibody specifically reacts with human CD66b, a 100kDa glycosylphosphatidylinositol (GPI) linked protein in the granulocyte-specific activation family. CD66b is expressed on granulocytes, neutrophils, and eosinophils. It is reported that this molecule plays a role in regulating neutrophil activation and cellular adhesion. It was previously classified as CD67, but renamed CD66b in the Fifth HLDA Workshop. |
| REFERENCES: | <p>1) Knapp W(1989) Leucocyte typing IV: white cell differentiation antigens. Oxford University Press, 1989.</p> <p>2) Azuma, M., Ito, D., Yagita, H., Okumura, K., Phillips, J. H., Lanier, L. L., Somoza, C. (1993). B70 antigen is a second ligand for CTLA-4 and CD28. Nature, 366(6450), 76-79.</p> <p>3) Leucocyte Typing VI: White Cell Differentiation Antigens: Proceedings of the Sixth International Workshop and Conference Held in Kobe, Japan, 10-14 November 1996. Garland Pub., 1998.</p> |

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