

Technical Data Sheet

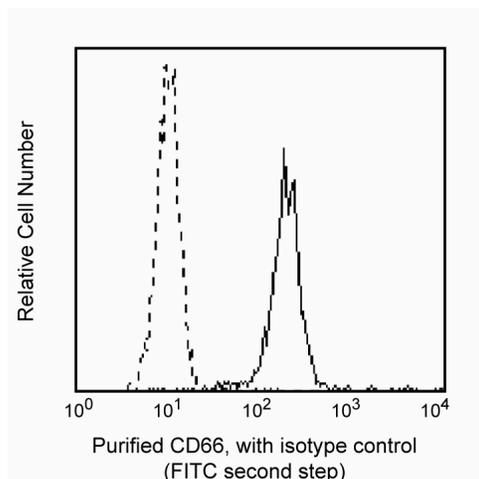
Purified Mouse Anti-Human CD66c

Product Information

Material Number:	551355
Alternate Name:	CEA, carcinoembryonic antigen
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	B6.2/CD66
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
Workshop:	VI MA86
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

Reacts with two glycosylphosphatidylinositol-anchored glycoprotein present on granulocytes. Antibody B6.2 was studied as recognizing CD66c in the VI Human Leukocyte Differentiation Antigen workshop. CD66 antigens also known as the carcinoembryonic antigen (CEA) family of molecules, are closely related to the immunoglobulin super family of glycoproteins. Studies on CD66 molecules suggest a potential adhesion function in vivo. These molecules exhibit both homophilic and heterophilic adhesion. CEA family members may be involved in transmembrane signalling and activation of neutrophils. This clone has been found to be N-terminal domain reactive, reacted preferentially with the native protein and were conformationally dependent.



Profile of peripheral blood granulocytes analyzed by flow cytometry. Second step staining with Cat. No. 555988.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. Store undiluted at 4° C.

Application Notes

Application

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
555746	Purified Mouse IgG1, κ Isotype Control	0.1 mg	MOPC-21
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Polyclonal

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Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharming/en/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References

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