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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD66b [BW 250/183] Bulk Size Ab02238-1.1-BT

Isotype and Format: Mouse IgG1, Kappa

Clone Number: BW 250/183

Alternative Name(s) of Target: CEACAM8; CGM6; Carcinoembryonic antigen-related cell adhesion molecule 8; Carcinoembryonic antigen CGM6; CD67 antigen; Non-specific cross-reacting antigen; NCA-95

UniProt Accession Number of Target Protein: P31997

Published Application(s): Immunocytochemical staining, Immunoscintigraphy, therapeutic, FC, IF

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing mice with CEA positive adenocarcinoma cells preferably from lungs.

Specificity: This antibody binds the human CD66b, which is expressed on the surface of granulocytes.

Application Notes: This murine antibody reacted with granulocytes, colon mucosa and faintly with pancreatic ducts (PMID: 2410375). The radioactive isotope technetium-99m labelled version of this antibody is also called Besilesomab (trade name Scintimun). It has been studied widely for therapeutic applications. Technetium-99m-Labeled BW 250/183 was used to study the inflammatory process and identification of the inflammatory foci using immunoscintigraphy (PMID: 2157831, 1565572). This antibody is also used for scintigraphic imaging of soft tissue infections, peripheral bone, and abdominal infections (PMID: 8023170). Tc-99m-labeled antibody has also been used in the localization of extramedullary hematopoiesis (PMID: 11953571). Rhenium-188-labelled BW250/183 was developed for adjuvant conditioning radioimmunotherapy of bone marrow before bone marrow transplantation. Immunoreactivity of the reduced and rhenium-incorporated antibody was determined by indirect immunofluorescence, by means of a whole blood staining method followed by flow cytometric analysis (PMID: 10541824). 90Y-label is reported antibody is reported to be used in the study of expression of CD66b in non-Hodgkin lymphomas and multiple myeloma using flow cytometry (PMID: 20887387).

Antibody First Published in: Bosslet et al. Immunohistochemical localization and molecular characteristics of three monoclonal antibody-defined epitopes detectable on carcinoembryonic antigen (CEA). Int J Cancer. (1985); 36(1):75-84. [PMID:2410375](#)

Note on publication: Describes the immunohistochemical localization of different epitopes on carcinoembryonic antigen (CEA) using three murine antibodies.

Product Form

Size:

1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.