

Product Information	
Catalog No.	BS10146
Product name	Anti-Human CEACAM8/CD66b Reference Antibody (Besilesomab, RUO)
Applications	ELISA, Bioactivity: FACS, Functional assay, Research in vivo
Species reactivity	Human
Host species	Mouse
Clonality	Monoclonal
Isotype	IgG1-kappa
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4.
Concentration	1mg/ml
Purity	>95% purity as determined by SDS-PAGE.
Purification	Protein A/G purified from cell culture supernatant.
Target	CD67 antigen, Carcinoembryonic antigen CGM6, Carcinoembryonic antigen-related cell adhesion molecule 8, CGM6, CD66b, Non-specific cross-reacting antigen NCA-95, CEACAM8
Expression system	Mammalian Cells
Accession	P31997
Endotoxin level	Please contact the lab for this information.
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C for short-term storage (1-2 weeks). Store at -20°C for up to 12 months. For long-term storage, store at -80°C.
Alternative Names	BW250/183, 537694-98-7
Note	For research use only. Not suitable for clinical or therapeutic use.

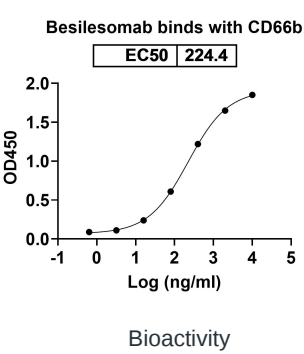
Background

Besilesomab is a monoclonal antibody primarily used as a diagnostic agent in nuclear medicine. It is radiolabeled with technetium-99m (99mTc) and utilized in Leukoscan, a radiopharmaceutical employed for imaging and detecting osteomyelitis (bone infections) and other inflammatory conditions. Unlike therapeutic monoclonal antibodies, besilesomab is designed for diagnostic purposes, helping to locate infections by targeting immune cells.

- Purification and characterization of a 95-kDa protein--carcinoembryonic antigen-related cell adhesion molecule 8--from normal human granulocytes., PMID:12379336
- Analysis of heterophilic cell adhesion mediated by CD66b and CD66c using their soluble recombinant proteins., PMID:8645267
- Immunochemical analysis of carcinoembryonic antigen (CEA)-related antigens differentially localized in intracellular granules of human neutrophils., PMID:8543346
- Mice transgenic for the human CGM6 gene express its product, the granulocyte marker CD66b, exclusively in granulocytes., PMID:9427723
- CD66 carcinoembryonic antigens mediate interactions between Opa-expressing Neisseria gonorrhoeae and human polymorphonuclear phagocytes., PMID:9218786

• Enhanced expression of integrins and CD66b on peripheral blood neutrophils and eosinophils in patients with rheumatoid arthritis, and the effect of glucocorticoids., PMID:10520185

Image Data



Detects CD66b/CEACAM8 in indirect ELISAs.