

CEACAM1

Mouse Anti-Human CEACAM-1/CD66a Clone C5-1X mAb

Catalog No.	CMC441	Quantity:	100 µg
Alternate Names:	BGP, BGP1, BGPI, CEACAM1, CD66a		
Description:	<p>Carcinoembryonic Antigen-related Cell Adhesion Molecule 1 (CEACAM-1/CD66a) is a 115 kDa type I transmembrane glycoprotein that belongs to the membrane-bound CEA subfamily of the CEA superfamily. On the surface of cells, it forms noncovalent homo- and heterodimers. The extracellular region contains three C2-type Ig-like domains and one N-terminal V-type Ig-like domain. Multiple splice variants involving regions C-terminal to the second C2-type domain (aa 320 and beyond) exist.</p> <p>Monoclonal antibody was produced from BALB/c-derived hybridomas and purified from cell culture supernatant by Protein G chromatography.</p>		
Gene ID:	634		
Host:	Mouse		
Immunogen:	Recombinant human soluble CEACAM-1/CD66a-Fc produced in HEK293 cells		
Isotype:	IgG, κ		
Clone:	C5-1X		
Formulation:	Lyophilized from PBS, pH 7.4. No preservatives and carrier-free.		
Purification:	Protein G chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute the antibody in 100 µl sterile distilled water corresponding to a concentration of 1.0 mg/ml.		
Cross-Reactivity:	No cross-reactivity with mouse and rat CEACAM-1/CD66a		
Applications:	Flow Cytometry, ELISA, Immunohistochemistry, Immunofluorescence, Western blot, Immunoprecipitation, Affinity purification.		
Application Notes:	The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Lyophilized product is stable at room temperature, but best stored desiccated below 0°C. Reconstituted antibody is stable at 2-4°C for >6 months or in working aliquots at -20°C for >6 months. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

