

CEACAM1

Mouse Anti-Human CEACAM-1/CD66a Clone B3 mAb

| | | | |
|---------------------------------|--|------------------|--------|
| Catalog No. | CMC442 | 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: | B3 | | |
| 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 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.