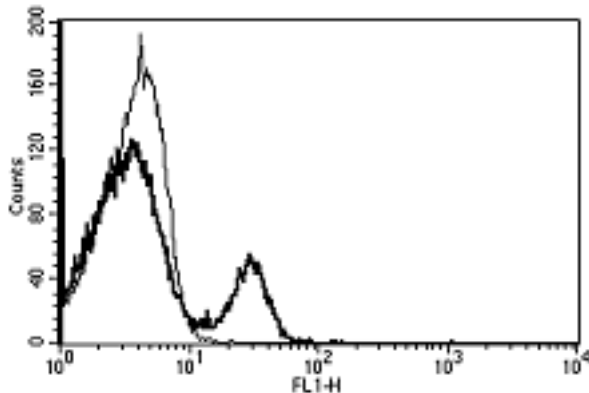


CD40

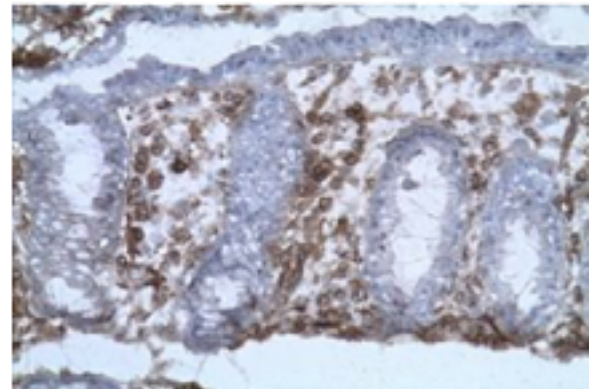
Mouse Anti-Human CD40 (Clone B-B20) mAb, Azide Free

| | | | |
|---------------------------------|---|------------------|------------------|
| Catalog No. | CDM180A CDM180B | Quantity: | 200 µg 500 µg |
| Alternate Names: | Tumor necrosis factor receptor superfamily member 5, B-cell surface antigen CD40, Bp50, CD40L receptor, CDW40 | | |
| Description: | The mouse monoclonal antibody recognizes human CD40, also known as TNF-receptor superfamily 5. CD40 is a receptor on antigen-presenting cells of the immune system and is essential for mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. | | |
| UniProt ID: | P25942 | | |
| Gene ID: | 958 | | |
| Concentration: | 1.0 mg/ml | | |
| Specificity: | Recognizes the Bp50 antigen, a 48 kDa protein. | | |
| Hybridoma: | Myeloma X63/AG.8653 x Balb/c spleen cells | | |
| Isotype: | Mouse IgG1 | | |
| Immunogen: | Raji cell line | | |
| Clone: | B-B20 | | |
| Biological Activity: | Stimulates B-cell proliferation together with Interleukin-4. | | |
| Formulation: | Sterile-filtered PBS, carrier and preservative free. | | |
| Applications: | Functional studies, Flow Cytometry, Immunocytochemistry | | |
| Storage & Stability: | Stable for 1 year at 2-8°C. For longer storage, aliquot and store at -20 to -80°C. Avoid repeated freeze-thaw cycles. | | |

A typical staining pattern with the B-B20 mAb of lymphocytes



Labelling on frozen section (acetone fixed) of human colic mucosa with B-B20 antibody diluted 1:100 (hematoxylin counterstain).



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