

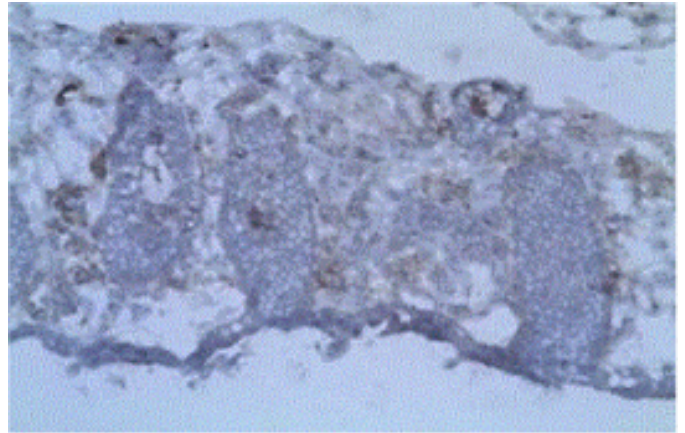
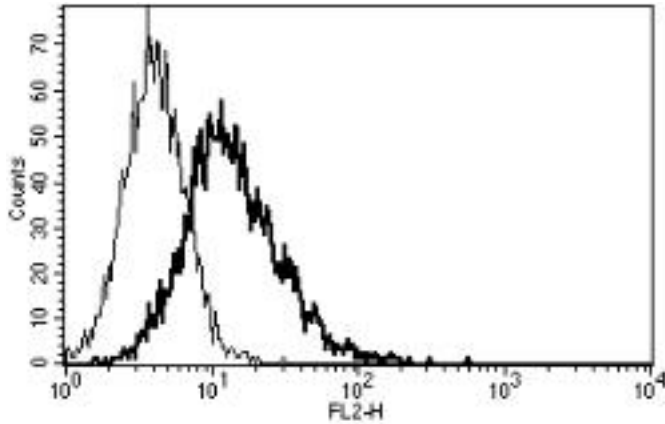
CD40LG

Mouse Anti-Human CD154 / CD40L (Clone B-B29) mAb, Azide Free

Catalog No.	CDM183A CDM183B	Quantity:	200 µg 500 µg
Alternate Names:	CD40 ligand, Tumor necrosis factor ligand superfamily member 5, TNFSF5, TNF-related activation protein, TRAP, T-cell gp39		
Description:	CD40 Ligand is expressed on the surface of activated CD4+ T cells, basophils, and mast cells. Binding of CD40L to its receptor, CD40, on the surface of B cells stimulates B-cell proliferation, adhesion and differentiation. A soluble isoform of CD40L has been shown to exist in the circulation. This soluble molecule is a homotrimer of a 18kDa protein exhibiting full activity in B cell proliferation and differentiation assays, is able to rescue B cells from apoptosis and binds soluble CD40. CD40 belongs to the TNF receptor superfamily.		
UniProt ID:	P29965		
Gene ID:	959		
Concentration:	1.0 mg/ml		
Specificity:	Recognises the CD40L, TRAP, T-BAM antigen, a 28/30/33 kDa protein		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Immunogen:	CD40L transfected 3T6 cells		
Isotype:	Mouse IgG2a Kappa light chain		
Clone:	B-B29		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	Flow cytometry		
Application Notes:	Use 10 µl to label 10 ⁶ cells or 100 µl of whole blood.		
Storage & Stability:	Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		



A typical staining pattern with the B-B29 monoclonal antibody of CD40L transfected 3T6 cell line.



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



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