10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD70-AcalephFluor488-labled

Catalog # AP101548

Product Information

Application	FC, IF/IC
Primary Accession	O55237
Reactivity	Mouse
Clonality	Monoclonal
Calculated MW	21919

Additional Information

Gene ID	21948
Other Names	CD27L; CD27LG; TNFSF7; CD70 antigen; CD27 ligand; CD27-L; Tumor necrosis factor ligand superfamily member 7; CD70
Target/Specificity	Recognizes mouse CD70
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Rat IgG2b kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	Cd70 {ECO:0000312|MGI:MGI:1195273}
Function	Expressed at the plasma membrane of B cells, it is the ligand of the CD27 receptor which is specifically expressed at the surface of T cells. The CD70-CD27 signaling pathway mediates antigen-specific T cell activation and expansion which in turn provides immune surveillance of B cells.
Cellular Location	Cell membrane; Single-pass type II membrane protein
Tissue Location	Very low level of expression. Detected in splenocytes and thymocytes.

Background

AcalephFluor488-labled rat monoclonal antibody to CD70

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.