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# Anti-CD70-AcalephFluor405-labled

Catalog # AP101547

## 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

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|---|---|
| **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

AcalephFluor405-labled rat monoclonal antibody to CD70

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