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# Anti-CD152-AcalephFluor488-labled

Catalog # AP101316

## Product Information

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|---|---|
| **Application** | FC, IF/IC |
| **Primary Accession** | P16410 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Calculated MW** | 24656 |

## Additional Information

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|---|---|
| **Gene ID** | 1493 |
| **Other Names** | CD152; Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; CTLA-4; CD antigen CD152 |
| **Target/Specificity** | Recognizes human CD152 |
| **Dilution** | FC~~1:10~50 IF/IC~~N/A |
| **Format** | Mouse IgG1 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** | CTLA4 |
| **Synonyms** | CD152 |
| **Function** | Inhibitory receptor acting as a major negative regulator of T-cell responses (PubMed:11279501, PubMed:11279502, PubMed:16551244, PubMed:1714933, PubMed:18641304, PubMed:28484017). Acts as a decoy receptor: the affinity of CTLA4 for its natural B7 family ligands, CD80 and CD86, is considerably stronger than the affinity of their cognate stimulatory coreceptor CD28 (PubMed:11279501, PubMed:11279502, PubMed:16551244, PubMed:1714933, PubMed:28484017). |
| **Cellular Location** | Cell membrane; Single-pass type I membrane protein. Note=Exists primarily an intracellular antigen whose surface expression is tightly regulated by restricted trafficking to the cell surface and rapid internalization |
| **Tissue Location** | Widely expressed with highest levels in lymphoid tissues. Detected in activated T-cells where expression levels are 30- to 50-fold less than CD28, the stimulatory coreceptor, on the cell surface following activation. |

## Background

AcalephFluor488-labled mouse monoclonal antibody to CD152

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