

CTLA-4

Rabbit Monoclonal antibody(Mab)

Catalog # AD80586

Product Information

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|--------------------------|------------------------|
| Application | IHC-P |
| Primary Accession | P16410 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone Names | 753I8C3 |
| Calculated MW | 24656 |

Additional Information

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| Gene ID | 1493 |
| Other Names | Cytotoxic T-lymphocyte protein 4, Cytotoxic T-lymphocyte-associated antigen 4, CTLA-4, CD152, CTLA4, CD152 |
| Dilution | IHC-P~~N/A |
| Storage | Maintain refrigerated at 2-8°C. |

Protein Information

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|--------------------------|--|
| Name | CTLA4 |
| Synonyms | CD152 |
| Function | Inhibitory receptor acting as a major negative regulator of T-cell responses. 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. |
| 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. |

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