

## Rabbit anti-Human, Mouse CTLA4 Polyclonal Antibody | anti-CTLA4 antibody

CTLA4 Polyclonal Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA166754</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

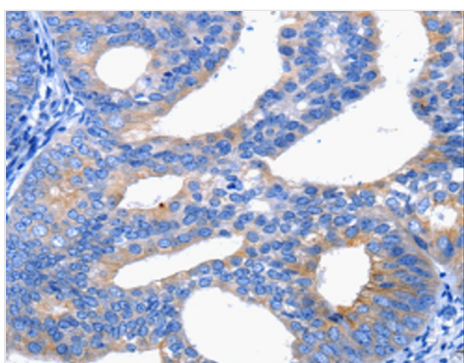
### PRODUCT SYNONYMS

CTLA4; Polyclonal Antibody; CTLA4 Polyclonal Antibody; CD; GSE; GRD4; ICOS; CD152; CTLA-4; IDDM12; CELIAC3; anti-CTLA4 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| Host                                            | Rabbit                                        |
| Reactivity                                      | Human, Mouse                                  |
| Clonality                                       | Polyclonal                                    |
| Isotype                                         | IgG                                           |
| Purity/Purification                             | Affinity purification                         |
| Concentration                                   | 0.2mg/mL (varies by lot)                      |
| Sequence Length                                 | 223                                           |
| Applicable Applications for anti-CTLA4 antibody | IHC (Immunohistochemistry), ELISA             |
| Immunogen                                       | Synthetic peptide of human CTL4               |
| Buffer                                          | PBS with 0.05 sodium azide,50% glycerol,PH7.3 |
| Preparation and Storage                         | Store at -20°C. Avoid freeze/thaw cycles.     |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CTLA4 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Related Product Information for anti-CTLA4 antibody | Background: This gene is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroidassociated orbitopathy, and other autoimmune diseases. |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 21361212                                                                                                                                                                                                                                                                                                     |
| NCBI GeneID                      | 1493                                                                                                                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_005205                                                                                                                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_005214.4                                                                                                                                                                                                                                                                                                  |
| NCBI Official Full Name          | cytotoxic T-lymphocyte protein 4 isoform CTLA4-TM                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | cytotoxic T-lymphocyte-associated protein 4                                                                                                                                                                                                                                                                  |
| NCBI Official Symbol             | CTLA4                                                                                                                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | CD; GSE; GRD4; ALPS5; CD152; CTLA-4; IDDM12; CELIAC3                                                                                                                                                                                                                                                         |
| NCBI Protein Information         | cytotoxic T-lymphocyte protein 4; CD152 isoform; celiac disease 3; cytotoxic T lymphocyte associated antigen 4 short spliced form; cytotoxic T-lymphocyte-associated serine esterase-4; insulin-dependent diabetes mellitus 12; ligand and transmembrane spliced cytotoxic T lymphocyte associated antigen 4 |
| UniProt Protein Name             | Cytotoxic T-lymphocyte protein 4                                                                                                                                                                                                                                                                             |
| UniProt Gene Name                | CTLA4                                                                                                                                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | CD152; CTLA-4                                                                                                                                                                                                                                                                                                |
| UniProt Entry Name               | CTLA4_HUMAN                                                                                                                                                                                                                                                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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