

## CTLA4 (CD152) Antibody

Rabbit mAb Catalog # AP91546

## **Product Information**

Application	WB, IF, ICC
Primary Accession	<u>P16410</u>
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	CTLA4;CD;CD152;CELIAC3;CTLA-4;GRD4;GSE;ICOS;IDDM12;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	24656

## **Additional Information**

Dilution Purification Immunogen	WB 1:500~1:2000 ICC/IF 1:50~1:200 Affinity-chromatography A synthesized peptide derived from human CTLA4 (CD152)
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## **Protein Information**

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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