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# anti-CTLA4 antibody

2 Images



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Quantity:	60 μL
Target:	CTLA4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTLA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

#### **Product Details**

Immunogen:	Recombinant fusion protein of human CTLA4 (NP_005205.2).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## **Target Details**

Target:	CTLA4
Alternative Name:	CTLA4 (CTLA4 Products)
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

## **Target Details**

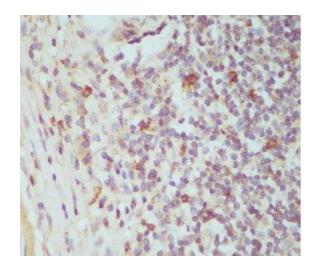
	interconnected by a disulfide bond, while the soluble isoform functions as a monomer.
	Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves
	disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-
	associated orbitopathy, and other autoimmune diseases.
Molecular Weight:	Observed_MW: 36 kDa
	Calculated_MW: 6 kDa/8 kDa/19 kDa/24 kDa
Gene ID:	1493
UniProt:	P16410
Pathways:	Cancer Immune Checkpoints

# **Application Details**

Application Notes:	WB 1:500-1:2000 IHC 1:10-1:100
Restrictions:	For Research Use only

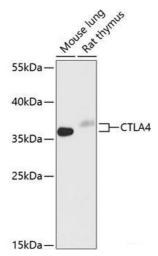
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human tonsil using CTLA4 Polyclonal Antibody at dilution of 1:100 (40x lens).



#### **Western Blotting**

**Image 2.** Western blot analysis of extracts of various cell lines using CTLA4 Polyclonal Antibody at dilution of 1:1000.