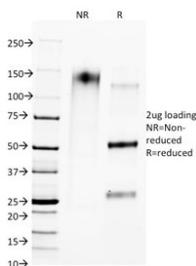


## CTLA4 Antibody / CD152 (soluble form) [clone L4P2F5.F10] (V7700)

Catalog No.	Formulation	Size
V7700-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7700-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7700SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat; Not suitable for Human samples testing.
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	L4P2F5.F10
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P16410
<b>Applications</b>	Western Blot : 1-2ug/ml
<b>Limitations</b>	This CTLA4 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free CTLA4 antibody (clone L4P2F5.F10) as confirmation of integrity and purity.

### Description

This CTLA4 antibody is specific to the soluble form of the protein. CTLA4 (CD152) is a cell surface receptor that behaves as a negative regulator of the proliferation and the effector function of T cells. It 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, thyroid-associated orbitopathy, and other autoimmune diseases. The novel finding that CTLA-4 molecule is expressed and functional on human tumor cells opens up the possibility of antitumor therapeutic intervention based on targeting this molecule.

## **Application Notes**

Optimal dilution of the CTLA4 antibody should be determined by the researcher.

## **Immunogen**

Amino acids CENAPNRARM were used as the immunogen for the CTLA4 antibody.

## **Storage**

Store the CTLA4 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).