

For Research Use Only

CTLA-4 Polyclonal antibody

Catalog Number: 30648-1-AP



Basic Information

Catalog Number: 30648-1-AP	GenBank Accession Number: NM_009843.4	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop;	GeneID (NCBI): 12477	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: cytotoxic T-lymphocyte-associated protein 4	
Isotype: IgG	Calculated MW: 25 kDa	
	Observed MW: 28-40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Con A treated mouse splenocytes,
Species Specificity: Mouse	

Background Information

CTLA-4, also known as CD152, belonging to the immunoglobulin superfamily, is primarily found on activated T cells and regulatory T cells (Tregs). CTLA-4 is closely related to the T-cell costimulatory CD28, and both molecules bind to B7-1 and B7-2 on antigen-presenting cells. CTLA-4 acts as a negative regulatory molecule of T-cell responses. Besides the full-length transmembrane form, CTLA-4 also exists in a truncated soluble form (sCTLA-4).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

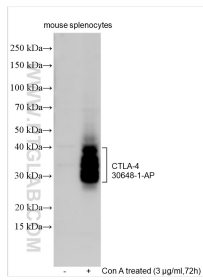
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Selected Validation Data



Untreated or Con A-treated (3 ug/ml, 72h) mouse splenocytes were subjected to SDS PAGE followed by western blot with 30648-1-AP (CTLA-4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.