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CD80 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3050a

Specification

CD80 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	P33681
Other Accession	NP_005182.1, 941
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**33048**

CD80 Antibody (internal region) - Additional Information

Gene ID 941

Other Names
T-lymphocyte activation antigen CD80, Activation B7-1 antigen, BB1, CTLA-4 counter-receptor B7.1, B7, CD80, CD80, CD28LG, CD28LG1, LAB7

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CD80 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

CD80 Antibody (internal region) - Protein Information

Name CD80

Synonyms CD28LG, CD28LG1, LAB7

Function
Involved in the costimulatory signal essential for T- lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28, binding to CTLA-4 has opposite effects and inhibits T-cell activation.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location
Expressed on activated B-cells, macrophages and dendritic cells

CD80 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD80 Antibody (internal region) - Images



AF3050a (1 µg/ml) staining of Lymph Node lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

CD80 Antibody (internal region) - References

T cell-encoded CD80 and 4-1BBL induce auto- and transcostimulation, resulting in potent tumor rejection. Stephan MT, Ponomarev V, Brentjens RJ, Chang AH, Dobrenkov KV, Heller G, Sadelain M, Nature medicine 2007 Dec 13 (12): 1440-9. PMID: 18026115