

# CD80 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP5020b

## Product Information

---

<b>Application</b>	WB, FC, E
<b>Primary Accession</b>	<a href="#">P33681</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB22396
<b>Antigen Region</b>	260-288

## Additional Information

---

<b>Other Names</b>	T-lymphocyte activation antigen CD80, Activation B7-1 antigen, BB1, CTLA-4 counter-receptor B71, B7, CD80, CD80, CD28LG, CD28LG1, LAB7
<b>Target/Specificity</b>	This CD80 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 260-288 amino acids from the C-terminal region of human CD80.
<b>Dilution</b>	WB~~1:500-1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	CD80 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

### Background

---

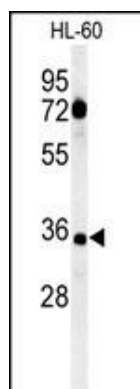
CD80 is activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 (MIM 186760) and CTLA4 (MIM 123890) ligands of T cells.

### References

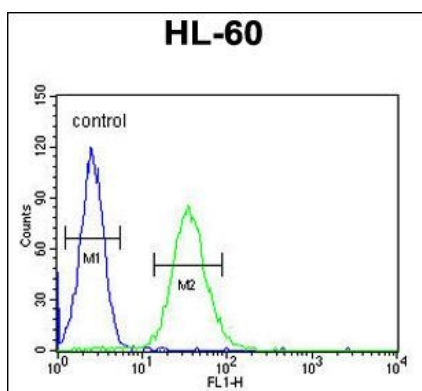
---

Mosbrugger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010)  
Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010)  
Segat, L., et al. J. Gastroenterol. Hepatol. 24(12):1840-1846(2009)

## Images



Western blot analysis of CD80 Antibody (C-term) (Cat. #AP5020b) in HL-60 cell line lysates (35ug/lane). CD80 (arrow) was detected using the purified Pab.



CD80 Antibody (C-term) (Cat. #AP5020b) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.