



Anti-CD80 (aa 1-100) polyclonal antibody (CPBT-30983RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Mouse CD80.
Antigen Description	The B-lymphocyte 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.
Specificity	Expressed on activated B-cells, macrophages and dendritic cells.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Mouse CD80. (Immunogen available as DAG-P0336)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Sequence Similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular Localization	Membrane.
Format	Liquid
Size	100 µg

Buffer	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
Preservative	0.02% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	Cd80 CD80 antigen [Mus musculus]
Official Symbol	CD80
Synonyms	CD80; CD80 antigen; T-lymphocyte activation antigen CD80; Activation B7 1 antigen; Activation B7-1 antigen; Activation B71 antigen; B lymphocyte activation antigen B7; B7; BB1; CD 80; CD28 antigen ligand 1 B7 1 antigen; CD28 antigen ligand 1 B71 antigen; CD28LG; CD28LG1; CD80; CD80 antigen; CD80 antigen precursor; CD80 molecule; CD80_HUMAN; Costimulatory factor CD80; CTLA 4 counter receptor B7.1; CTLA-4 counter-receptor B7.1; LAB 7; LAB7; T lymphocyte activation antigen CD80; T-lymphocyte activation antigen CD80; B7 protein; activation B7-1 antigen; B71; Ly53; TSA1; Cd28l; Ly-53; MIC17;
Entrez Gene ID	12519
Protein Refseq	NP_033985
UniProt ID	Q00609
Pathway	Adaptive Immune System, organism-specific biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem; CD28 dependent Vav1 pathway, organism-specific biosystem; CTLA4 inhibitory signaling, organism-specific biosystem; Cell adhesion molecu
Function	protein binding; receptor activity;