

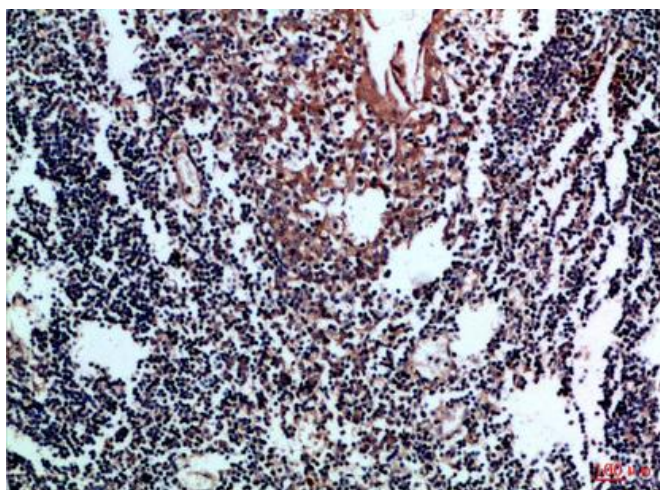


CD80 Polyclonal Antibody

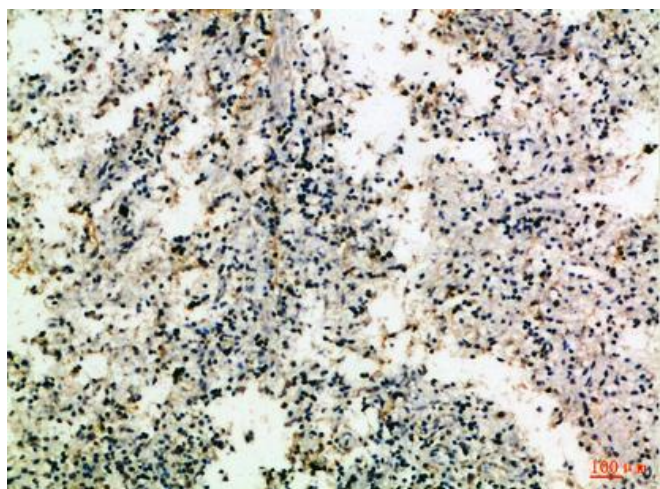
Catalog No	YP-Ab-14104
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	CD80 CD28LG CD28LG1 LAB7
Protein Name	T-lymphocyte activation antigen CD80 (Activation B7-1 antigen) (BB1) (CTLA-4 counter-receptor B7.1) (B7) (CD antigen CD80)
Immunogen	Synthetic peptide from human protein at AA range: 100-160
Specificity	The antibody detects endogenous CD80
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	T-lymphocyte activation antigen CD80 (Activation B7-1 antigen;BB1;CTLA-4 counter-receptor B7.1;B7;CD antigen CD80)
Observed Band	
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Expressed on activated B-cells, macrophages and dendritic cells.
Function	function:Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with adenovirus subgroup B fiber proteins and acts as a receptor for these viruses.,tissue specificity:Expressed on activated B-cells, macrophages and dendritic cells.,
Background	The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy. [provided by RefSeq, Aug 2011],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

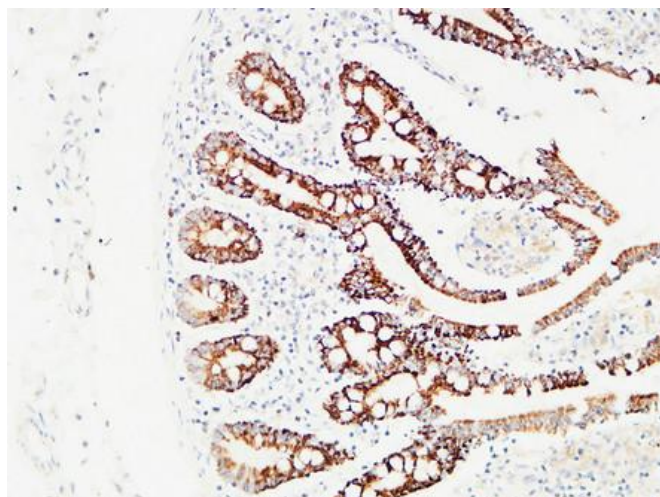
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

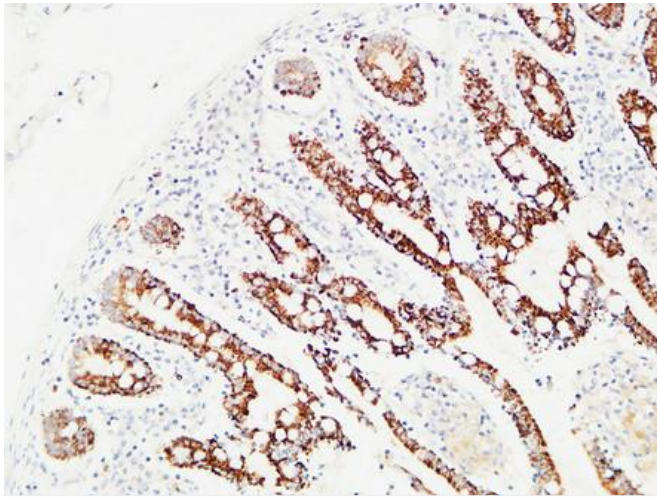
Immunohistochemical analysis of paraffin-embedded Human-tonsil, antibody was diluted at 1:100



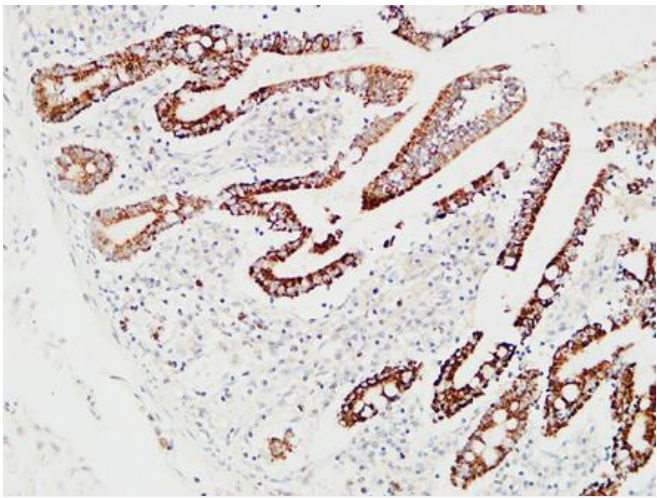
Immunohistochemical analysis of paraffin-embedded Human-spleen, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:400(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).



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