



CD83 Polyclonal Antibody

Catalog No	YP-Ab-16287
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CD83
Immunogen	The antiserum was produced against synthesized peptide derived from human CD83. AA range:101-150
Specificity	CD83 Polyclonal Antibody detects endogenous levels of CD83 protein.
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	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	B cell activation protein;B-cell activation protein;BL11;CD83 antigen;CD83 molecule;CD83;hCD83;Cell surface protein HB15;CD antigen CD83
Observed Band	23kD
Calculated Molecular Weight	23kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Expressed by activated lymphocytes, Langerhans cells and interdigitating reticulum cells.
Function	function:May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation.,online information:CD83 antigen, similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain., subunit:Monomer.,tissue specificity:Expressed by activated lymphocytes, Langerhans cells and interdigitating reticulum cells.,
Background	The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript



variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

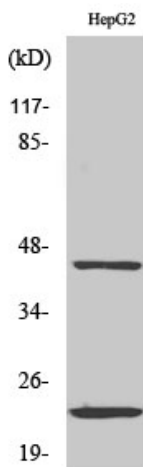
matters needing attention

Avoid repeated freezing and thawing!

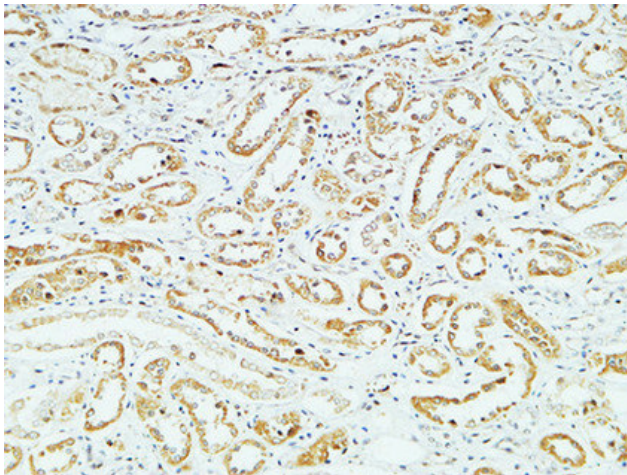
Usage suggestions

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

Products Images

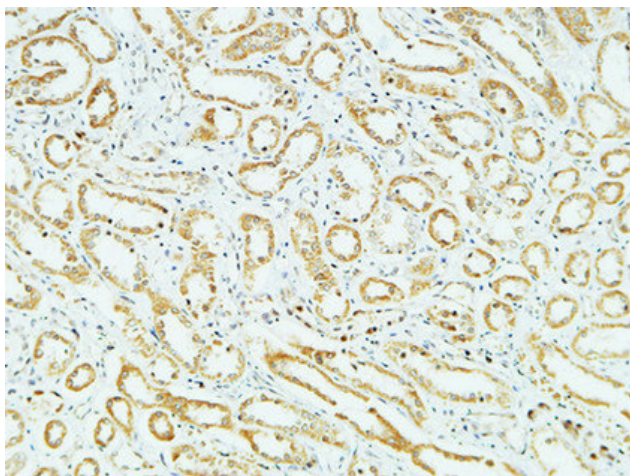


Western Blot analysis of various cells using CD83 Polyclonal Antibody diluted at 1:500

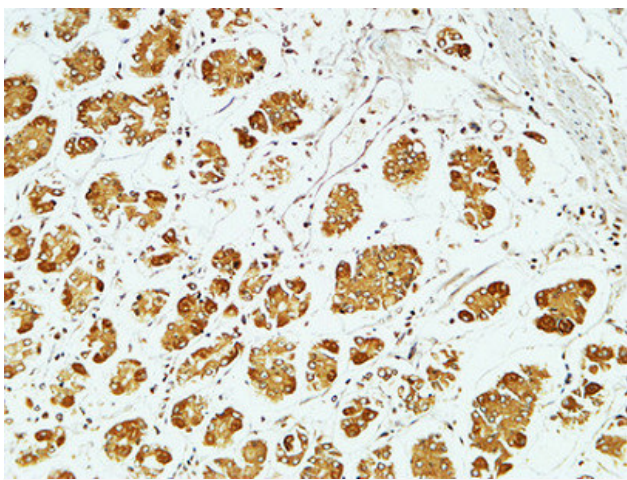


Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:400(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).

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Immunohistochemical analysis of paraffin-embedded Human stomach. 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).