Product Name: CD83 Rabbit Polyclonal Antibody
Catalog #: APRab08469

Summary

Production Name	CD83 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CD83
Alternative Names	CD83; CD83 antigen; hCD83; B-cell activation protein; Cell surface protein HB15; CD antigen CD83
Gene ID	9308.0
SwissProt ID	Q01151.The antiserum was produced against synthesized peptide derived from human CD83. AA range:101-150

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Molecular Weight	23kD

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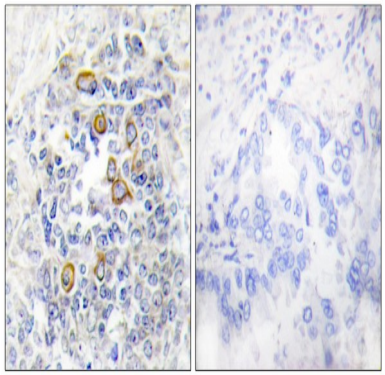
Background

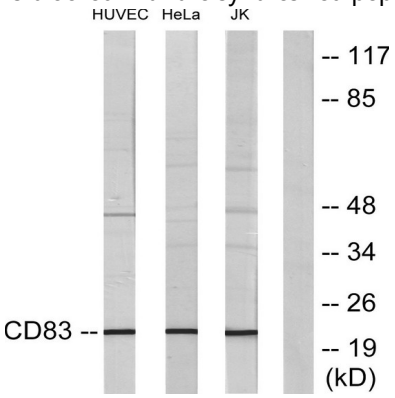
The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],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.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using CD83 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, HUVEC cells, HeLa cells, and Jurkat cells, using CD83 Antibody. The lane on the right is blocked with the synthesized peptide.

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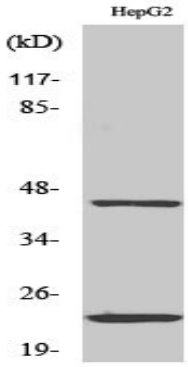
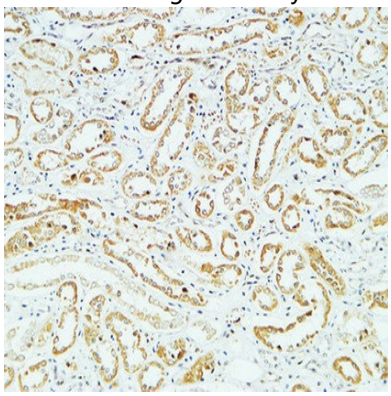
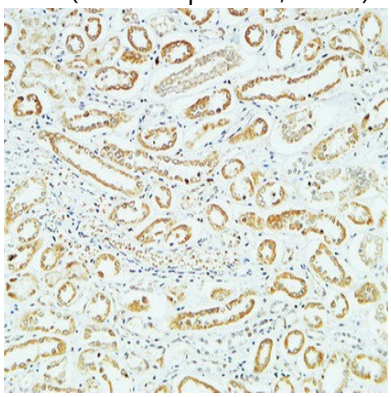


Western Blot analysis of various cells using CD83 Polyclonal Antibody diluted at 1：500



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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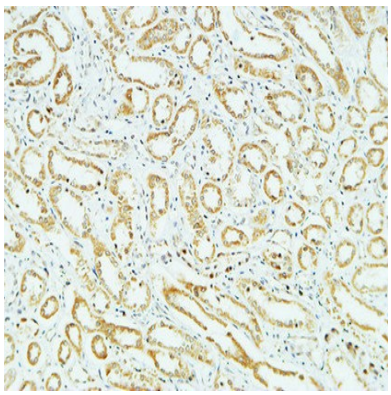

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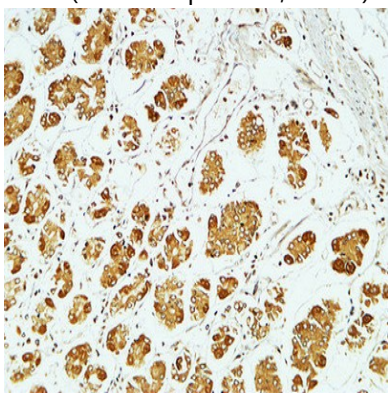
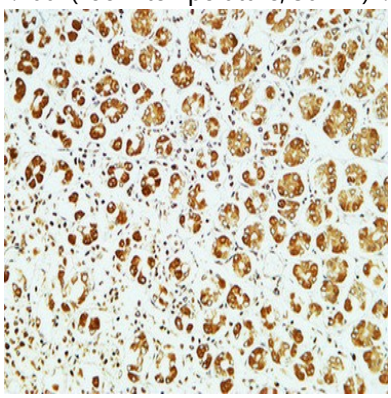


Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at 1:400（4°,overnight）. 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200（room temperature, 30min）.



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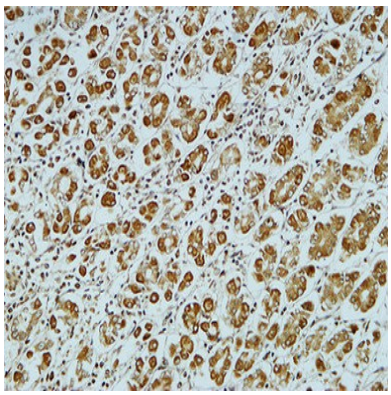

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Note

For research use only.