

## CD83 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01548
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CD83. AA range:101-150
<b>Mol wt</b>	23042
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CD83 Antibody
<b>Synonyms</b>	CD83; CD83 antigen; hCD83; B-cell activation protein; Cell surface protein HB15; CD antigen CD83

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

CD83 molecule encoded by CD83 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 CD83.

### Recommended Dilution

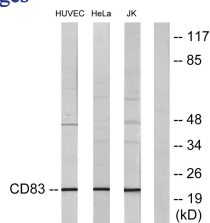
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

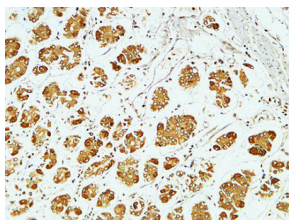
ELISA: 1: 10000

Not yet tested in other applications.

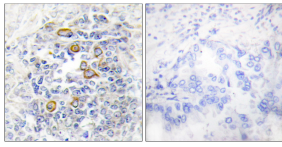
### Images



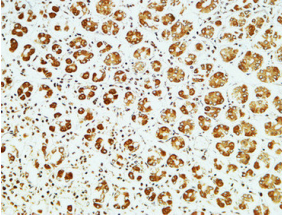
Western blot analysis of lysates from HepG2 cells, HUVEC cells, HeLa cells, and Jurkat cells, using CD83 Antibody. The lane on the right is blocked with the synthesized peptide.



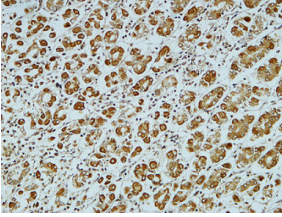
Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at 1:400(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



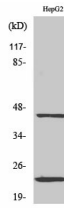
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using CD83 Antibody. The picture on the right is blocked with the synthesized peptide.



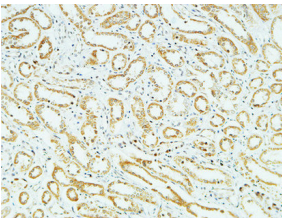
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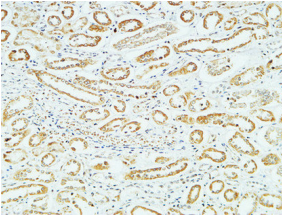
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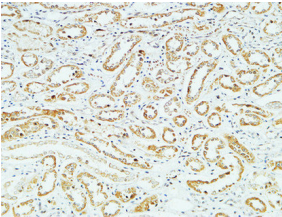
Western Blot analysis of various cells using CD83 Polyclonal Antibody diluted at 1:500



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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### Storage

-20°C for one year

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