

CD83 Polyclonal Antibody
Catalog # AP68962**Specification**

CD83 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q01151
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CD83 Polyclonal Antibody - Additional Information**Gene ID** 9308**Other Names**

CD83; CD83 antigen; hCD83; B-cell activation protein; Cell surface protein HB15; CD antigen CD83

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CD83 Polyclonal Antibody - Protein Information**Name** CD83**Function**

Transmembrane glycoprotein predominantly found on the surface of many immune cells including dendritic cells or lymphocytes that plays various roles in immune response regulation. Plays an essential role in CD4(+) T-selection, differentiation and stability by regulating the activity of the major E3 ubiquitin ligase responsible for controlling MHCII trafficking MARCHF8. Also inhibits MARCHF1 association with MHCII or CD86 to prevent their ubiquitination and subsequent degradation (PubMed:21220452). In addition, acts as an important modulator of protective responses against acute infections (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

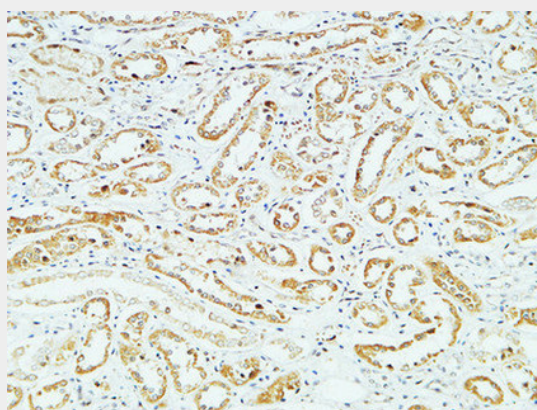
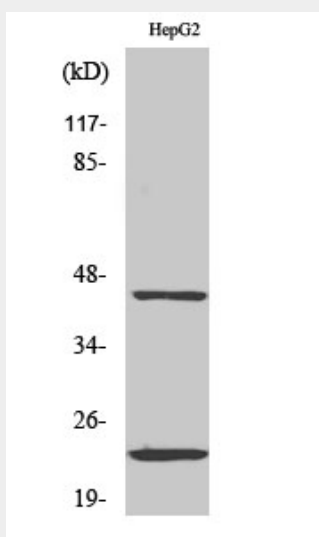
Expressed by activated lymphocytes, Langerhans cells and activated dendritic cells.

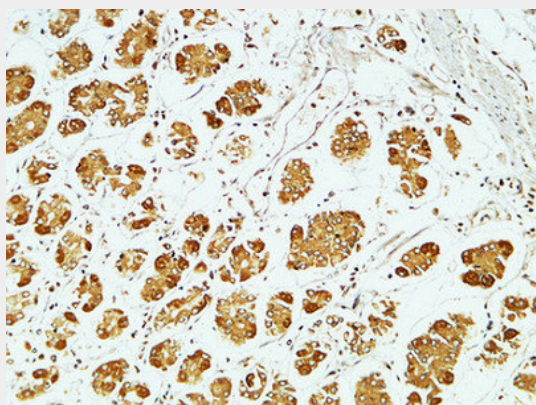
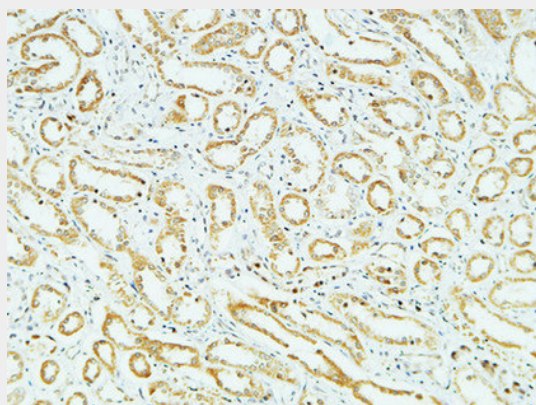
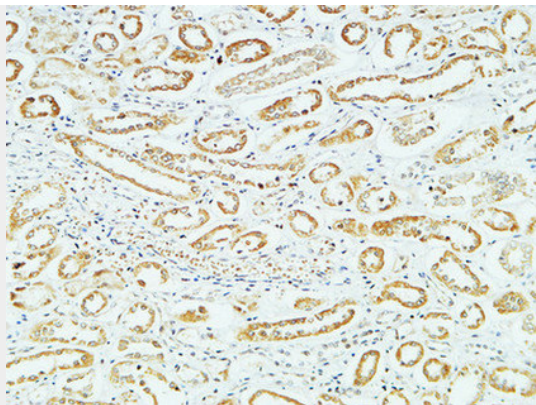
CD83 Polyclonal Antibody - Protocols

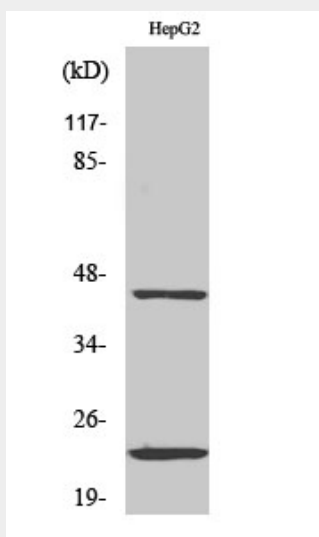
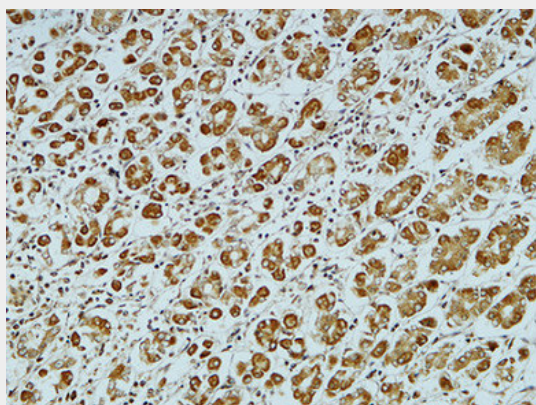
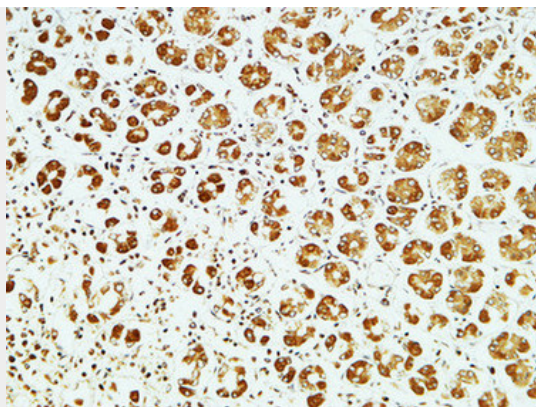
Provided below are standard protocols that you may find useful for product applications.

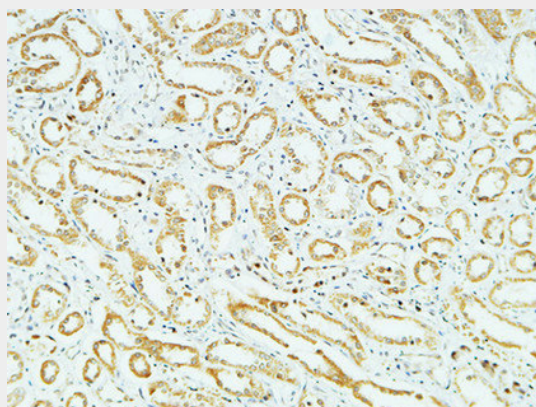
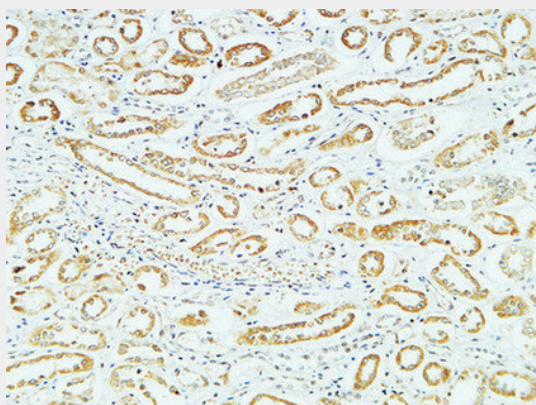
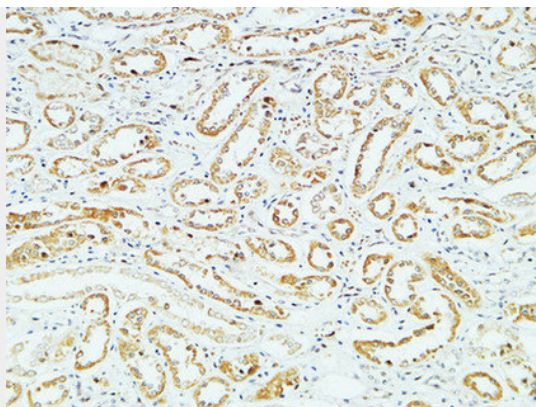
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

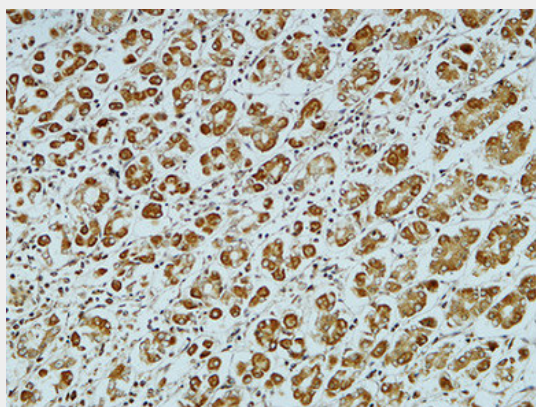
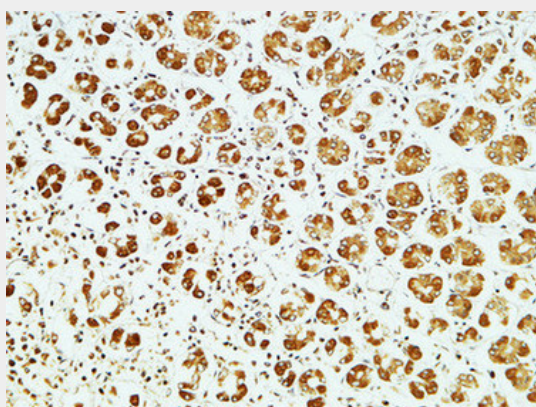
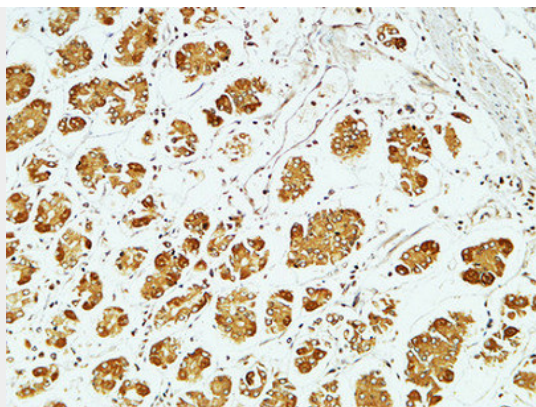
CD83 Polyclonal Antibody - Images











CD83 Polyclonal Antibody - Background

May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation.