

CD83 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a full length recombinant CD83.****Catalog # AT1448a****Specification**

CD83 Antibody (monoclonal) (M02) - Product Information

Application	WB, E
Primary Accession	Q01151
Other Accession	BC030830
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a kappa
Calculated MW	23042

CD83 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 9308**Other Names**

CD83 antigen, hCD83, B-cell activation protein, Cell surface protein HB15, CD83, CD83

Target/Specificity

CD83 (AAH30830, 1 a.a. ~ 205 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

CD83 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

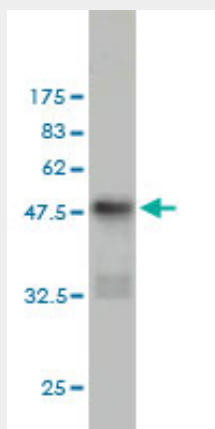
CD83 Antibody (monoclonal) (M02) - Protocols

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

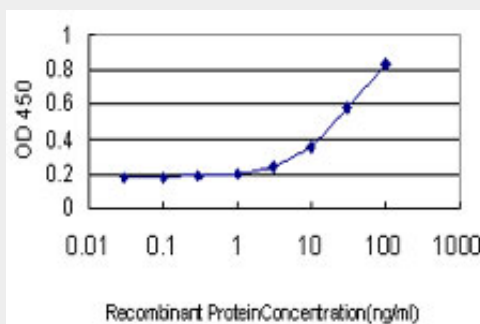
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD83 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (48.29 kDa) .



Detection limit for recombinant GST tagged CD83 is approximately 1ng/ml as a capture antibody.

CD83 Antibody (monoclonal) (M02) - References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496. Pollen-induced oxidative stress influences both innate and adaptive immune responses via altering dendritic cell functions. Csillag A, et al. J Immunol, 2010 Mar 1. PMID 20118277. Dendritic cell populations in the eutopic and ectopic endometrium of women with endometriosis. Schulke L, et al. Hum Reprod, 2009 Jul. PMID 19321495. [The biological characteristics of peripheral blood CD123+ myeloid dendritic cell] Shi J, et al. Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi, 2009 Mar. PMID 19257981. Engagement of CD83 on B cells modulates B cell function in vivo. Kretschmer B, et al. J Immunol, 2009 Mar 1. PMID 19234177.