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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

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

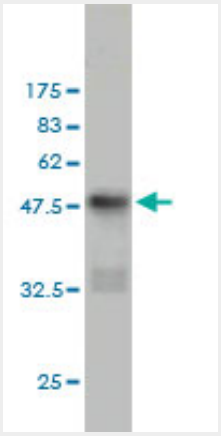
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

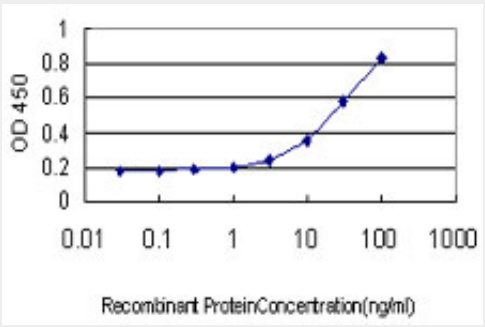
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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.