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CD83 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CD83.
Catalog # AT1447a

Specification

CD83 Antibody (monoclonal) (M01) - Product Information

Application	**IP, WB, E**
Primary Accession	Q01151
Other Accession	BC030830
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**23042**

CD83 Antibody (monoclonal) (M01) - 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) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CD83 Antibody (monoclonal) (M01) - Protocols

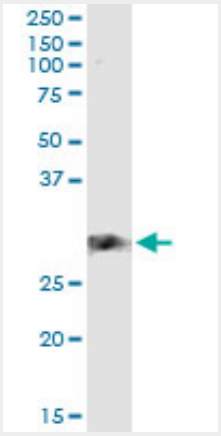
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

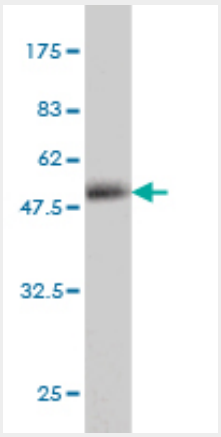
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

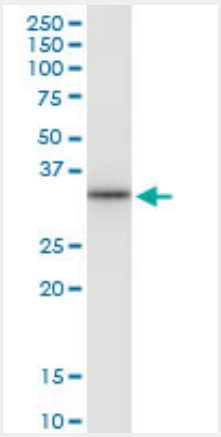
CD83 Antibody (monoclonal) (M01) - Images



Immunoprecipitation of CD83 transfected lysate using anti-CD83 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with CD83 MaxPab rabbit polyclonal antibody.

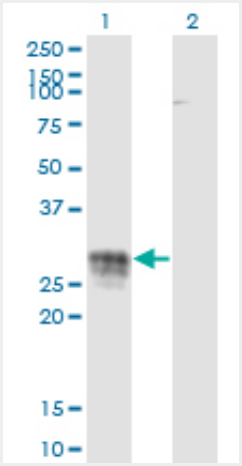


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (48.29 KDa) .



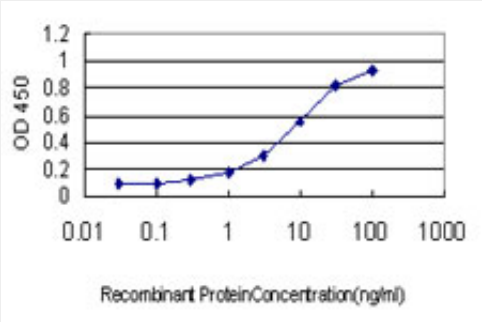
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CD83 monoclonal antibody (M01), clone 3G10-1F4. Western Blot analysis of CD83 expression in human colon.



Western Blot analysis of CD83 expression in transfected 293T cell line by CD83 monoclonal antibody (M01), clone 3G10-1F4.

Lane 1: CD83 transfected lysate (Predicted MW: 23 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged CD83 is approximately 0.3ng/ml as a capture antibody.

CD83 Antibody (monoclonal) (M01) - References

1.Zwitterionic polymer-coated immunobeads for blood-based cancer diagnostics.Kim G, Yong Y, Kang HJ, Park K, Kim SI, Lee M, Huh NBiomaterials. 2014 Jan;35(1):294-303. doi: 10.1016/j.biomaterials.2013.09.101. Epub 2013 Oct 18.