

CD83 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant CD83.****Catalog # AT1447a****Specification**

CD83 Antibody (monoclonal) (M01) - Product Information

Application	WB, IP, 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

IP~~N/A

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

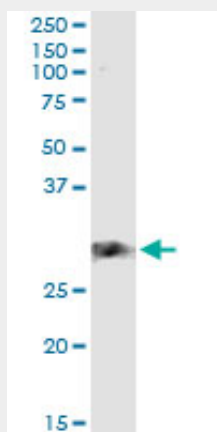
CD83 Antibody (monoclonal) (M01) - Protocols

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

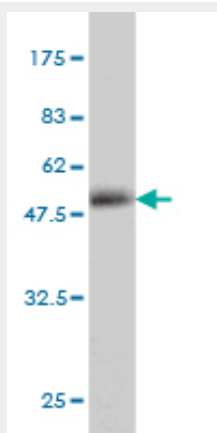
- [Western Blot](#)
- [Blocking Peptides](#)

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

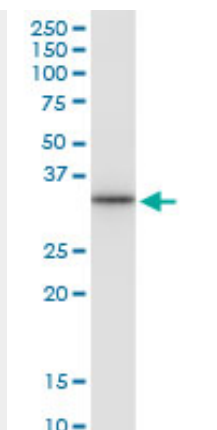
CD83 Antibody (monoclonal) (M01) - Images



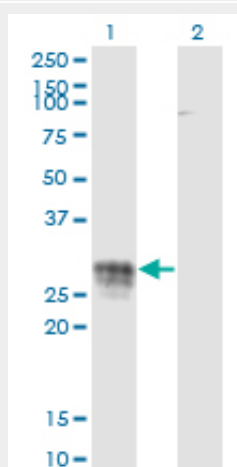
Immunoprecipitation of CD83 transfected lysate using anti-CD83 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with CD83 MaxPab rabbit polyclonal antibody.



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



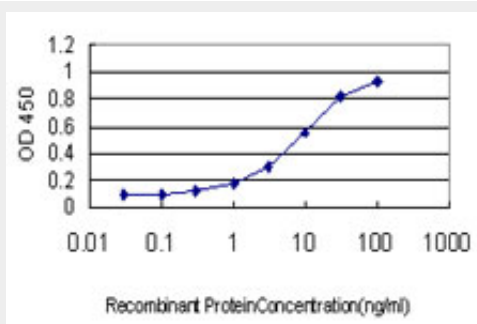
CD83 monoclonal antibody (M01), clone 3G10-1F4. Western Blot analysis of CD83 expression in human colon.



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 N. *Biomaterials*. 2014 Jan;35(1):294-303. doi: 10.1016/j.biomaterials.2013.09.101. Epub 2013 Oct 18.