

**ITGB5 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant ITGB5.

Catalog # AT2570a

**Specification**

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**ITGB5 Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">P18084</a>
Other Accession	<a href="#">NM_002213</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	88054

**ITGB5 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 3693**Other Names**

Integrin beta-5, ITGB5

**Target/Specificity**

ITGB5 (NP\_002204, 421 a.a. ~ 516 a.a) partial 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**

ITGB5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

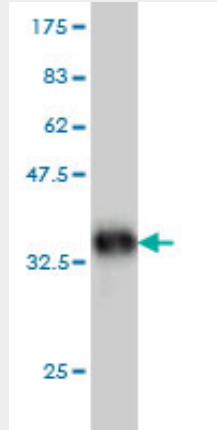
**ITGB5 Antibody (monoclonal) (M01) - Protocols**

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

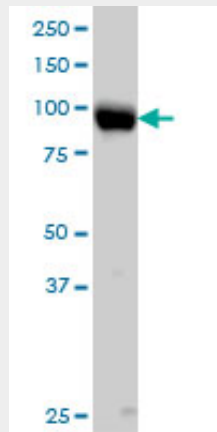
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

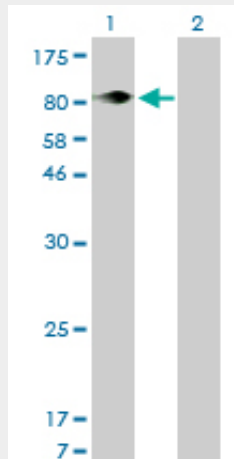
### ITGB5 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.3 KDa) .

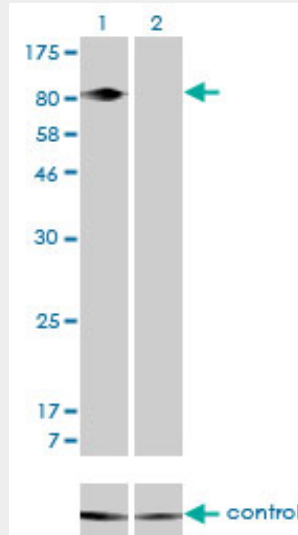


ITGB5 monoclonal antibody (M01), clone 2C4 Western Blot analysis of ITGB5 expression in HeLa (Cat # AT2570a )

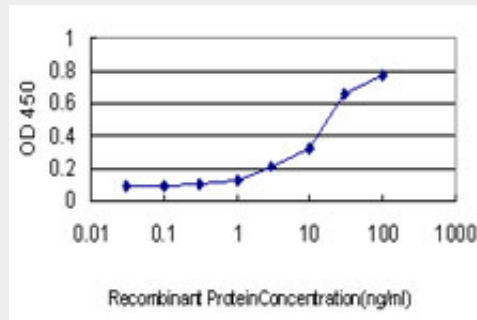


Western Blot analysis of ITGB5 expression in transfected 293T cell line by ITGB5 monoclonal antibody (M01), clone 2C4.

Lane 1: ITGB5 transfected lysate(88.1 KDa).  
 Lane 2: Non-transfected lysate.



Western blot analysis of ITGB5 over-expressed 293 cell line, cotransfected with ITGB5 Validated Chimera RNAi (Cat # AT2570a)



Detection limit for recombinant GST tagged ITGB5 is approximately 0.3ng/ml as a capture antibody.

### ITGB5 Antibody (monoclonal) (M01) - References

1. beta5 integrin is the major contributor to the  $\alpha$ 5 integrin-mediated blockade of HIV-1 replication. Ballana E, Pauls E, Clotet B, Perron-Sierra F, Tucker GC, Este JA. J Immunol. 2011 Jan 1;186(1):464-70. Epub 2010 Nov 22.