

# Product Datasheet

## Integrin beta 8 Antibody (2B4) - Azide and BSA Free H00003696-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 2/21/2025 v.20.1

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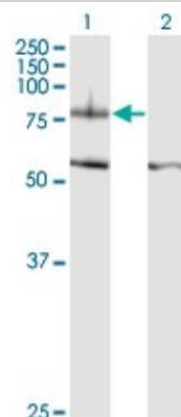
**H00003696-M01**

Integrin beta 8 Antibody (2B4) - Azide and BSA Free

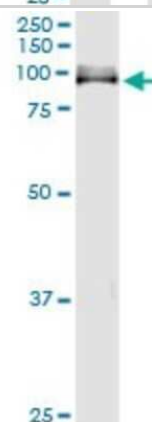
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2B4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	3696
<b>Gene Symbol</b>	ITGB8
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	ITGB8 (2B4)
<b>Immunogen</b>	ITGB8 (NP_002205, 392 a.a. ~ 503 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VENQVQGIYFNITAICPDGSRKPGMEGCRNVTSNDEVLFNVTVTMKKCDVTGG KNYAIKPIGFNETAKIHHRNCSCQCEDNRGPKGKCVDETFLDSKCFQCENK CHFDE
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Functional, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, Flow Cytometry, ELISA, Immunoprecipitation, Functional
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

## Images

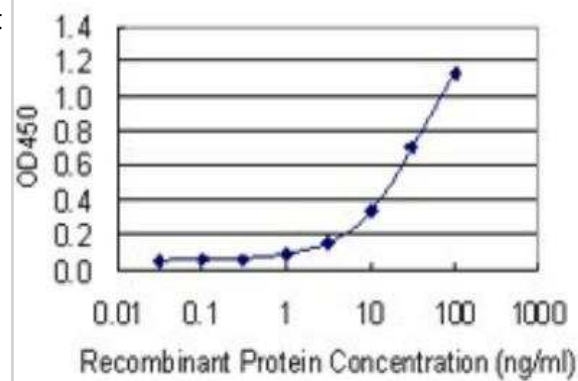
Western Blot: Integrin beta 8 Antibody (2B4) [H00003696-M01] - Analysis of ITGB8 expression in transfected 293T cell line by ITGB8 monoclonal antibody (M01), clone 2B4. Lane 1: ITGB8 transfected lysate (85.6 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: Integrin beta 8 Antibody (2B4) [H00003696-M01] - Analysis of ITGB8 transfected lysate using anti-ITGB8 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ITGB8 MaxPab rabbit polyclonal antibody.



ELISA: Integrin beta 8 Antibody (2B4) [H00003696-M01] - Detection limit for recombinant GST tagged ITGB8 is 0.3 ng/ml as a capture antibody.



## Publications

Ballana E, Pauls E, Clotet B et al. beta5 integrin is the major contributor to the alphaV integrin-mediated blockade of HIV-1 replication. *J Immunol.* 2010-11-22 [PMID: 21098231]



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### Products Related to H00003696-M01

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00003696-Q01-10ug	Recombinant Human Integrin beta 8 GST (N-Term) Protein

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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