

# Product Datasheet

## Integrin alpha 4/CD49d Antibody (2C11) H00003676-M01

Unit Size: 0.1 mg

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

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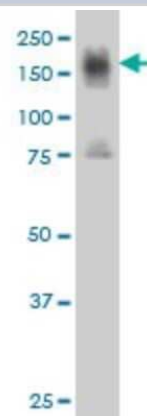
**H00003676-M01****Integrin alpha 4/CD49d Antibody (2C11)**

<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>	2C11
<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>	3676
<b>Gene Symbol</b>	ITGA4
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 27364558). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	ITGA4 - integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)
<b>Immunogen</b>	ITGA4 (NP_000876, 98 a.a. ~ 207 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. RIGKNPGQTCEQLQLGSPNGEPCGKTCLEERDNQWLGVTLRSRQPGENGSIIVT CGHRWKNIFYIKNENKLPTGGCYGVPPDLRTELSKRIAPCYQDYVKKFGENFA SCQAG
<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
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

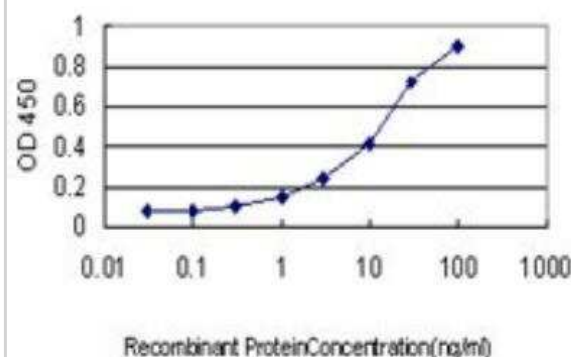


## Images

Western Blot: Integrin alpha 4/CD49d Antibody (2C11) [H00003676-M01] - ITGA4 monoclonal antibody (M01), clone 2C11 Analysis of ITGA4 expression in Jurkat.



ELISA: Integrin alpha 4/CD49d Antibody (2C11) [H00003676-M01] - Detection limit for recombinant GST tagged ITGA4 is approximately 0.3ng/ml as a capture antibody.



## Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Beauvais DM, Jung O, Yang Y et al. Syndecan-1 (CD138) activates IGF1R and suppresses apoptosis in multiple myeloma: blockade by synstatin IGF1R inhibits tumor growth in vivo. Cancer Res. 2016-06-30 [PMID: 27364558] (WB, Mouse)



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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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