

# Product Datasheet

## Integrin alpha 4/CD49d Antibody (PS/2) - Azide and BSA Free NBP1-26661

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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**NBP1-26661**

Integrin alpha 4/CD49d Antibody (PS/2) - Azide and BSA Free

Product Information	
Unit Size	0.5 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	PS/2
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	0.1M BBS (pH 8.2)

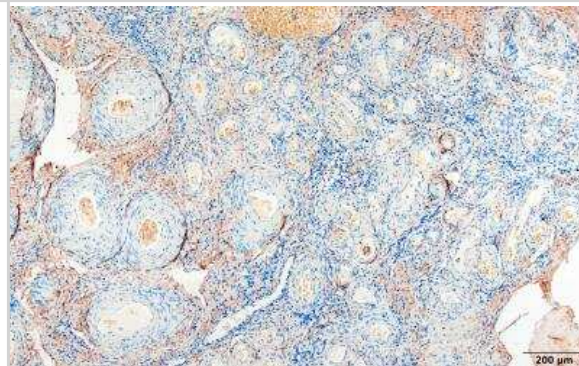
Product Description	
Description	Novus Biologicals Rat Integrin alpha 4/CD49d Antibody (PS/2) - Azide and BSA Free (NBP1-26661) is a monoclonal antibody validated for use in IHC and Flow. Anti-Integrin alpha 4/CD49d Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	3676
Gene Symbol	ITGA4
Species	Human, Mouse
Specificity/Sensitivity	CD49d, the alpha 4 chain (100 kDa) of the VLA-4 integrin heterodimer (Mr 150-kDa)
Immunogen	P815 cells

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin Validated from a verified customer review.

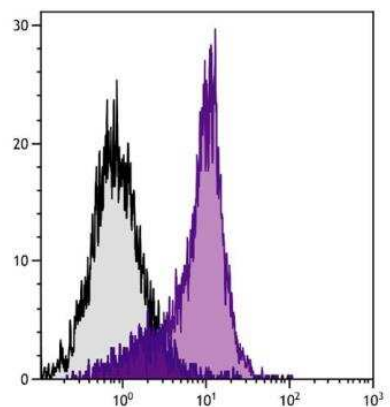


## Images

Immunohistochemistry-Paraffin: Integrin alpha 4/CD49d Antibody (PS/2) [NBP1-26661] - FFPE human ovarian carcinoma. Antibody at 1:10. HIER antigen retrieval at pH 6. HRP/DAB detection. IHC-P image submitted by a verified customer review.



Flow Cytometry: Integrin alpha 4/CD49d Antibody (PS/2) [NBP1-26661] - BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD49d-UNLB followed by Mouse Anti-Rat IgG2b-AF647.



## Publications

Grilo GA, Cakir SN, Shaver PR et al. Collagen matricryptin promotes cardiac function by mediating scar formation Life sciences 2023-03-22 [PMID: 36963720] (B/N, Mouse)

Details:

Used as a blocking antibody at 15ug/ml in a migration assay



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### **Products Related to NBP1-26661**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43323-0.5mg	Rat IgG2b Kappa Light Chain Isotype Control (149/10H5)
NBP1-26662	Integrin alpha 4/CD49d Antibody (PS/2) [FITC]

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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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