

# Product Datasheet

## Integrin alpha 5/CD49e Antibody (5H10-27 (MFR5)) - BSA Free NBP3-09130

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-09130**

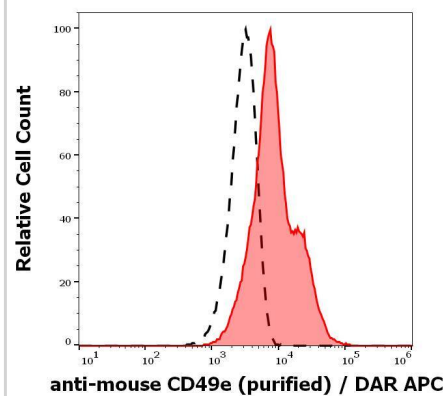
Integrin alpha 5/CD49e Antibody (5H10-27 (MFR5)) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5H10-27 (MFR5)
<b>Preservative</b>	15mM Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	Phosphate buffered saline (PBS), pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rat Integrin alpha 5/CD49e Antibody (5H10-27 (MFR5)) - BSA Free (NBP3-09130) is a monoclonal antibody validated for use in IHC, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rat
<b>Gene ID</b>	3678
<b>Gene Symbol</b>	ITGA5
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	The rat monoclonal antibody 5H10-27 (MFR5) recognizes an extracellular epitope of murine CD49e, a 135 kDa protein serving as VLA-5 alpha chain, expressed on thymocytes, activated T cells, splenic B cells, and mast cells.
<b>Immunogen</b>	C57BL/6 x A/J)F1 murine mast cell line
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Flow Cytometry 1-4 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen

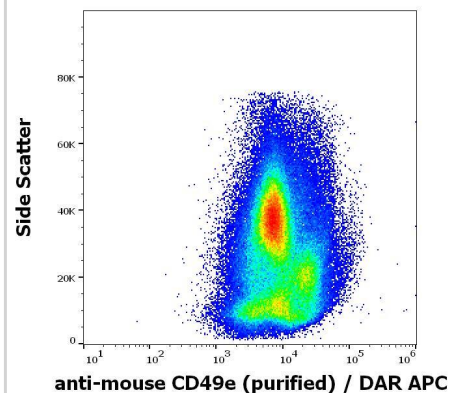


## Images

Flow Cytometry: Rat Monoclonal Integrin alpha 5/CD49e Antibody (5H10-27 (MFR5)) [NBP3-09130] - Separation of murine bone marrow cells stained using anti-mouse CD49e (5H10-27(MFR5)) purified antibody (concentration in sample 0.56 ug/ml, DAR APC) from murine bone marrow cells unstained by primary antibody (DAR APC, black-dashed) in flow cytometry analysis (surface staining).



Flow Cytometry: Rat Monoclonal Integrin alpha 5/CD49e Antibody (5H10-27 (MFR5)) - Flow cytometry surface staining pattern of murine bone marrow using anti-mouse CD49e (5H10-27(MFR5)) purified antibody (concentration in sample 0.56  $\mu$ g/ml, DAR APC).





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-09130**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)
NBP1-84576PEP	Integrin alpha 5/CD49e Recombinant Protein Antigen

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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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