

# Product Datasheet

## Integrin alpha 2/CD49b Antibody (HAS-4) - BSA Free NB100-2608

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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**NB100-2608**

Integrin alpha 2/CD49b Antibody (HAS-4) - 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>	HAS-4
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3673
<b>Gene Symbol</b>	ITGA2
<b>Species</b>	Human
<b>Marker</b>	Plasma Membrane Marker
<b>Immunogen</b>	Human keratinocytes
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, CyTOF-ready
<b>Application Notes</b>	Co-precipitates integrin alpha 2 beta 1 from keratinocytes and inhibits HGF-induced branching morphogenesis and motility of human mammary epithelial HB2 cells in collagen.

**Publications**

Kishimoto N, Momota Y, Hashimoto Y et al. Self-assembling Peptide RADA16 as a Scaffold in Bone Tissue Engineering Using Dedifferentiated Fat Cells. Journal of Oral Tissue Engineering;8(3):151-161. 2011-01-01





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### **Products Related to NB100-2608**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00003673-Q01-10ug	Recombinant Human Integrin alpha 2/CD49b 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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