

Product Datasheet

Integrin beta 1/CD29 Antibody (P4C10) - Azide and BSA Free NBP2-80818

Unit Size: 0.1 ml

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

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NBP2-80818

Integrin beta 1/CD29 Antibody (P4C10) - Azide and BSA Free

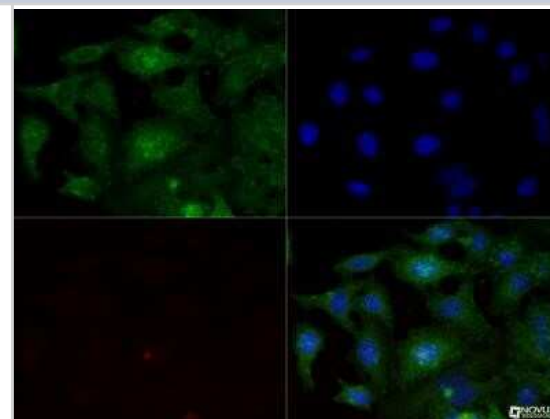
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	P4C10
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	88 kDa

Product Description	
Host	Mouse
Gene ID	3688
Gene Symbol	ITGB1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27550917).
Immunogen	HT1080 cells human fibrosarcoma

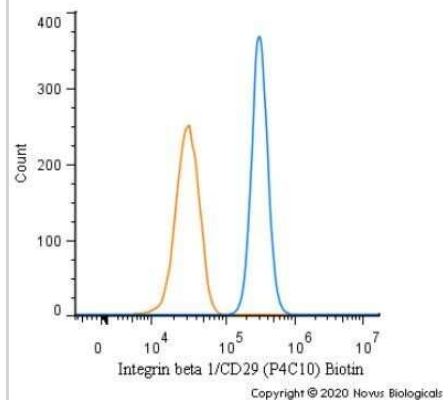
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Block/Neutralize, CyTOF-ready
Recommended Dilutions	Western Blot reported in scientific literature (PMID 27550917), Flow Cytometry 1:10, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:10-1:100, Immunoprecipitation, Immunohistochemistry-Frozen 1:10-1:100, CyTOF-ready, Block/Neutralize
Application Notes	For ICC/IF ,methanol fixation is recommended. The P4C10 antibody inhibits endodermal cell and keratinocyte attachment to collagen type 1, fibronectin and laminin; also inhibits cell-cell adhesion.

Images

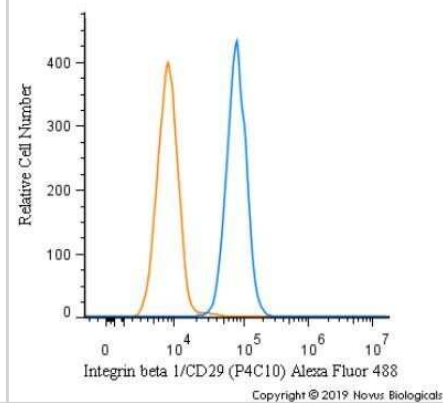
Immunocytochemistry/Immunofluorescence: Integrin beta 1/CD29 Antibody (P4C10) - Azide and BSA Free [NBP2-80818] - Integrin beta 1 (P4C10) antibody was tested in -20 degree MeOH fixed HeLa cells at a 1:200 dilution against DyLight 488 (green). Actin and nuclei were counterstained against Phalloidin 568 (red) and DAPI (blue), respectively. Image from the standard format of this antibody.



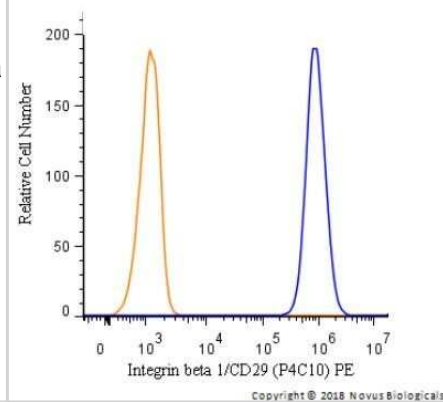
Flow Cytometry: Integrin beta 1/CD29 Antibody (P4C10) - Azide and BSA Free [NBP2-80818] - An intracellular stain was performed on A431 cells with Integrin beta 1/CD29 [P4C10] Antibody NBP2-36561B (blue) and a matched isotype control (orange). Both antibodies were directly conjugated to Biotin. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Streptavidin - R-Phycoerythrin Protein (2012-1000, Novus Biologicals). Image from the standard format of this antibody.



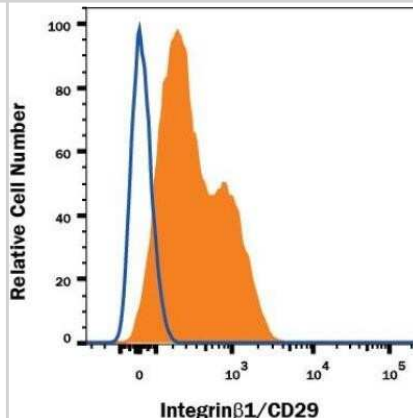
Flow Cytometry: Integrin beta 1/CD29 Antibody (P4C10) - Azide and BSA Free [NBP2-80818] - A surface stain was performed on HeLa cells with Integrin beta 1/CD29 [P4C10] Antibody NBP2-36561AF488 (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 5 ug/mL for 20 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



Flow Cytometry: Integrin beta 1/CD29 Antibody (P4C10) - Azide and BSA Free [NBP2-80818] - A surface stain was performed on HeLa cells with Integrin beta 1/CD29 [P4C10] Antibody NBP2-36561PE (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 2.5 ug/mL for 20 minutes at room temperature. Both antibodies were directly conjugated to phycoerythrin.



Flow Cytometry: Integrin beta 1/CD29 Antibody (P4C10) - Azide and BSA Free [NBP2-80818] - Flow Cytometry: Integrin beta 1/CD29 Antibody (P4C10) [NBP2-36561] Image from the standard format of this antibody.





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Products Related to NBP2-80818

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00003688-P01-2ug	Recombinant Human Integrin beta 1/CD29 GST (N-Term) Protein

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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