

Product Datasheet

Integrin beta 3/CD61 Antibody (BV4) NB600-1342

Unit Size: 0.05 mg

Store at 4C.

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NB600-1342**Integrin beta 3/CD61 Antibody (BV4)**

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	BV4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS containing 0.1% BSA
Product Description	
Host	Mouse
Gene ID	3690
Gene Symbol	ITGB3
Species	Human, Mouse, Rat, Bovine
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 23857293). Mouse reactivity reported in scientific literature (PMID: 28050799).
Specificity/Sensitivity	The monoclonal antibody BV4 recognizes human beta3 integrin subunit present in Platelet glycoprotein GPIIb-IIIa (integrin alphaIIb/beta3, CD41/CD61) and in the vitronectin receptor (integrin alphaV/beta3, CD51/CD61).
Immunogen	Mouse Integrin alpha V beta 3
Product Application Details	
Applications	Western Blot, Functional, Immunoassay, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:50, Immunohistochemistry 1:50, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:50, Immunohistochemistry-Frozen 1:50, Functional, Immunoassay



Publications

- Rehman R, Miller M, Krishnamurthy SS et al. Met/HGFR triggers detrimental reactive microglia in TBI Cell reports 2022-12-27 [PMID: 36577378] (ICC/IF, Mouse)
- Zhang J, Wang L, Li C et al. Letrozole promotes the expression of integrin alpha v beta 3 and HOXA10 in endometrium of endometriosis Systems biology in reproductive medicine 2021-12-28 [PMID: 34962452] (WB)
- Xing Q, Feng Y, Sun H Et al. Scavenger receptor MARCO contributes to macrophage phagocytosis and clearance of tumor cells Experimental cell research 2021-10-06 [PMID: 34626585]
- Park MH, Kim AK, Manandhar S et al. CCN1 interlinks integrin and Hippo pathway to autoregulate tip cell activity Elife 2019-08-20 [PMID: 31429823] (WB)
- Flamini MI, Uzair ID, Pennacchio GE et al. Thyroid Hormone Controls Breast Cancer Cell Movement via Integrin α V/b3/SRC/FAK/PI3-Kinases. Horm Cancer [PMID: 28050799] (WB, Mouse)
- Kim JH, Kim YH, Kim YJ et al. Quantitative positron emission tomography imaging of angiogenesis in rats with forelimb ischemia using ^{68}Ga -NOTA-c(RGDyK). Angiogenesis 2013-07-16 [PMID: 23857293] (IHC-P, Rat)
- Tang NH, Chen YL, Wang XQ et al. N-terminal and C-terminal heparin-binding domain polypeptides derived from fibronectin reduce adhesion and invasion of liver cancer cells. BMC Cancer. 2010-10-01 [PMID: 20939933]
- Neto DS, Pantaleao L, de Sa BC et al. Alpha-v-beta3 integrin expression in melanocytic nevi and cutaneous melanoma. J Cutan Pathol. 2007-11-01 [PMID: 17944725]
- Kimmins S, Lim HC, MacLaren LA et al. Immunohistochemical localization of integrin alpha V beta 3 and osteopontin suggests that they do not interact during embryo implantation in ruminants. Reprod Biol Endocrinol. 2004-04-01 [PMID: 15115551]
- Soldi R, Mitola S, Strasly M et al. Role of α v β 3 integrin in the activation of vascular endothelial growth factor receptor-2. EMBO J. 1999-02-01 [PMID: 10022831]





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 NB600-1342

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)
NBP1-83453PEP	Integrin beta 3/CD61 Recombinant Protein Antigen

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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