

Product Datasheet

Endoglin/CD105 Antibody (MJ7/18) - Azide and BSA Free NBP2-80718

Unit Size: 0.5 mg

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-80718

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-80718



NBP2-80718

Endoglin/CD105 Antibody (MJ7/18) - Azide and BSA Free

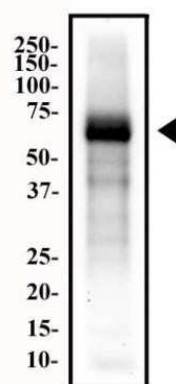
Product Information	
Unit Size	0.5 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MJ7/18
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	Tris-Glycine

Product Description	
Description	Novus Biologicals Rat Endoglin/CD105 Antibody (MJ7/18) - Azide and BSA Free (NB100-77666) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	2022
Gene Symbol	ENG
Species	Mouse
Immunogen	Inflamed mouse skin

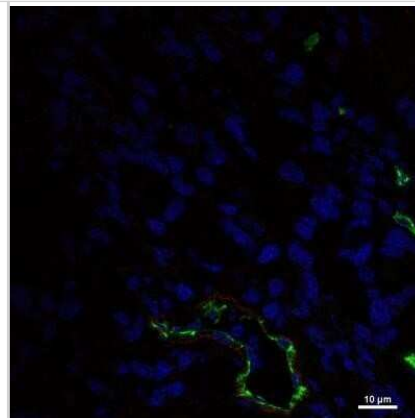
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:10-1:500, Flow (Cell Surface)
Application Notes	For immunofluorescent staining, the suggested use of this reagent is: 0.5 microgram per one million cells in 100 microliter volume. It is recommended that the reagent be titrated for optimal performance for each application.

Images

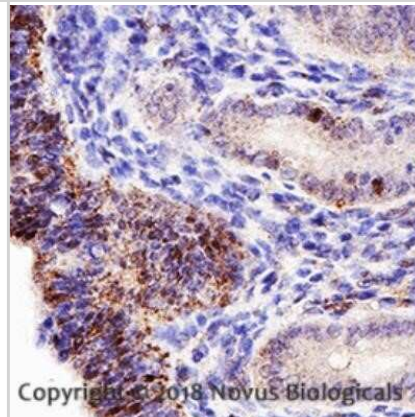
Western Blot: Endoglin/CD105 Antibody (MJ7/18) - Azide and BSA Free [NBP2-80718] - Total protein from mouse placenta was separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocking in 5% non-fat milk in TBST. The membrane was probed with 2 ug/ml anti-CD105 (NB100-77666) in 1% milk/TBST and detected with an anti-rat HRP conjugated secondary antibody using chemiluminescence. Image from the standard format of this antibody.



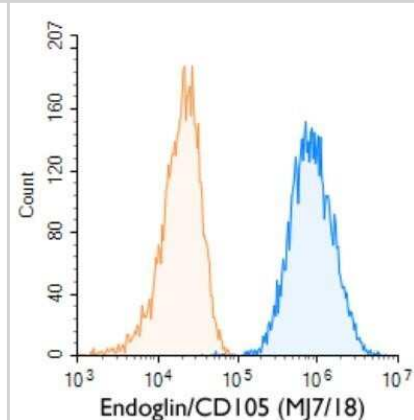
Immunocytochemistry/Immunofluorescence: Endoglin/CD105 Antibody (MJ7/18) - Azide and BSA Free [NBP2-80718] - Using the DyLight 550 direct conjugate Staining of CD105 (endoglin) in 4T1 tumors after radioimmunotherapy shows CD105 expression (red), blood vessels (green), and nuclei (blue).



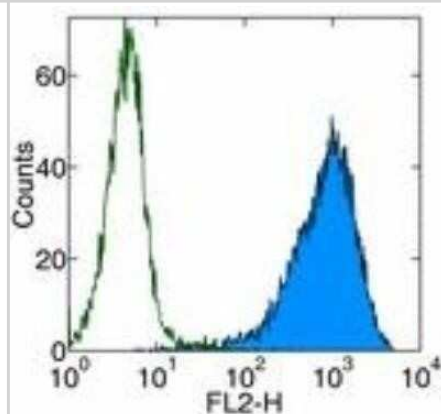
Immunohistochemistry-Paraffin: Endoglin/CD105 Antibody (MJ7/18) - Azide and BSA Free [NBP2-80718] - Analysis of a FFPE mouse ductus deference using a 1:50 dilution of CD105 antibody (clone MJ7/18) on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0)



Flow (Cell Surface): Endoglin/CD105 Antibody (MJ7/18) - Azide and BSA Free [NBP2-80718] - A surface stain was performed on MS-1 Cells with Endoglin/CD105 (MJ7/18) antibody NB100-77666 (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature, followed by rat F(ab)2 IgG (H+L) APC-conjugated secondary antibody (F0113, R&D Systems). Image from the standard format of this antibody.



Flow Cytometry: Endoglin/CD105 Antibody (MJ7/18) - Azide and BSA Free [NBP2-80718] - Analysis of Biotin conjugate of NB100-77666. Surface staining of bEND.3 cell line with 0.25 ug of Anti-Mouse CD105 (Endoglin) Biotin followed by Streptavidin PE. Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.





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 NBP2-80718

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-80718

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

