Product Datasheet

Endoglin/CD105 Antibody (MEM-229) [FITC]
NB110-81749

Unit Size: 100 Tests

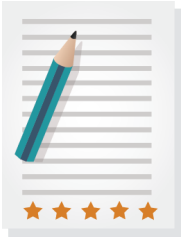
Store at 4C in the dark.

www.novusbio.com technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB110-81749

Updated 5/23/2024 v.20.1



NB110-81749

Endoglin/CD105 Antibody (MEM-229) [FITC]

Product Information	
Unit Size	100 Tests
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	MEM-229
Preservative	0.9% Sodium Azide
Isotype	IgG2a
Conjugate	FITC
Purity	Size Exclusion Chromatography
Buffer	Stabilizing phosphate buffered saline (PBS).
Target Molecular Weight	90 kDa

Product Description	
Host	Mouse
Gene ID	2022
Gene Symbol	ENG
Species	Human, Porcine, Canine (Negative), Equine (Negative)
Marker	Neo-endothelial Cells Marker
Specificity/Sensitivity	This antibody (clone MEM-229) recognizes CD105 (Endoglin), a 180 kDa type I integral membrane homodimer glycoprotein expressed on vascular endothelial cells (small and large vessels), activated monocytes and tissue macrophages, stromal cells of certain tissues including bone marrow, pre-B lymphocytes in fetal marrow and erythroid precursors in fetal and adult bone marrow; it is also present on syncytiotrophoblast on placenta throughout pregnancy.
Immunogen	recombinant vaccinia virus containing human CD105 (L-isoform) cDNA

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Application Notes	The reagent is designed for Flow Cytometry analysis of human blood cells using 20 ul reagent / 100 ul of whole blood or 10^6 cells in a suspension.

Publications

Dey D, Fischer NG, Dragon AH Et al. Culture and characterization of various porcine integumentary-connective tissue-derived mesenchymal stromal cells to facilitate tissue adhesion to percutaneous metal implants Stem Cell Res Ther 2021-12-19 [PMID: 34922628] (FLOW, Porcine)

Details:
Citation using the FITC version of this antibody.

Planka L, Necas A, Srnec R et al. Use of allogenic stem cells for the prevention of bone bridge formation in miniature pigs Physiol Res 2009-01-01 [PMID: 19093735]

Details:
This citation used the Biotin version of this antibody.

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 NB110-81749

NBL1-10266	Endoglin/CD105 Overexpression Lysate
NBP1-96848	Mouse IgG2a Isotype Control (M2A) [FITC]
NBP1-91212PEP	Endoglin/CD105 Recombinant Protein Antigen
DVE00	VEGF [HRP]

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/NB110-81749

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