

Product Datasheet

Endoglin/CD105 Antibody (3A9) - BSA Free NBP2-22122

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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NBP2-22122

Endoglin/CD105 Antibody (3A9) - BSA Free

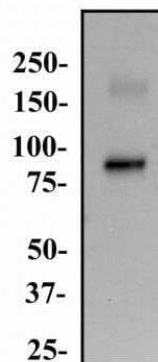
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3A9
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	71 kDa

Product Description	
Host	Mouse
Gene ID	2022
Gene Symbol	ENG
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27322553).
Marker	Neo-endothelial Cells Marker
Immunogen	Purified recombinant fragment of human CD105 expressed in E. coli. [Uniprot: P17813]

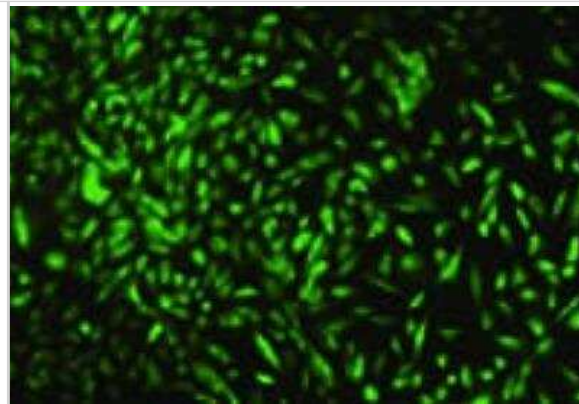
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:200-1:1000. Use reported by customer review, Immunohistochemistry-Paraffin 1:200-1:1000

Images

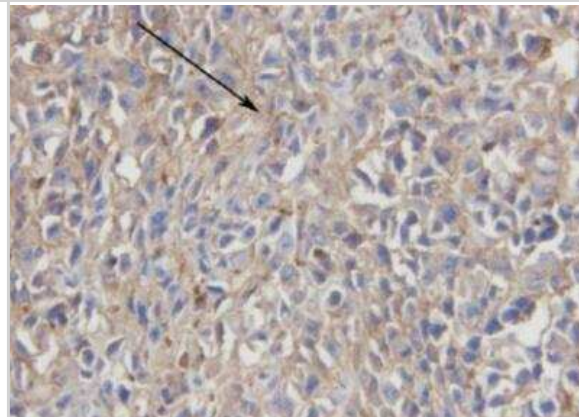
Western Blot: Endoglin/CD105 Antibody (3A9) [NBP2-22122] - Whole cell protein from HUVEC was separated on a 7.5% gel polyacrylamide gel and transferred to PVDF membrane. The membrane was probed with anti-CD105 antibody at 2 ug/ml and detected with an anti-mouse HRP labeled secondary antibody using chemiluminescence.



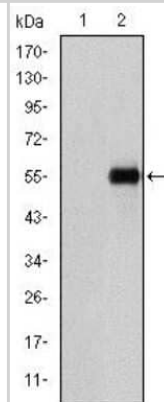
Immunocytochemistry/Immunofluorescence: Endoglin/CD105 Antibody (3A9) [NBP2-22122] - Human endometrial stromal cells stained with Endoglin/CD105 antibody. Image from verified customer review.



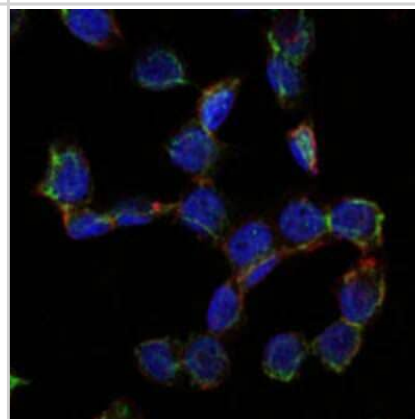
Immunohistochemistry-Paraffin: Endoglin/CD105 Antibody (3A9) [NBP2-22122] - Immunohistochemical staining of endoglin (CD105) in B16F10 murine melanoma tumor model. IHC-P image submitted by a verified customer review.



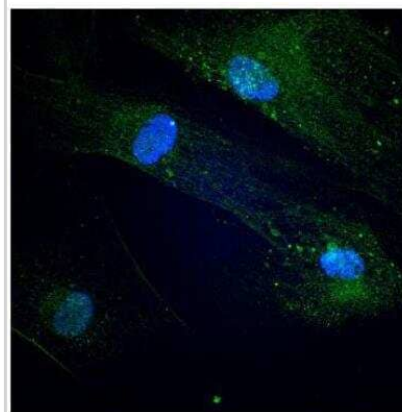
Western Blot: Endoglin/CD105 Antibody (3A9) [NBP2-22122] - Analysis using CD105 mAb against HEK293 (1) and CD105 (AA: 331-567)-hlgGfc transfected HEK293 (2) cell lysates.



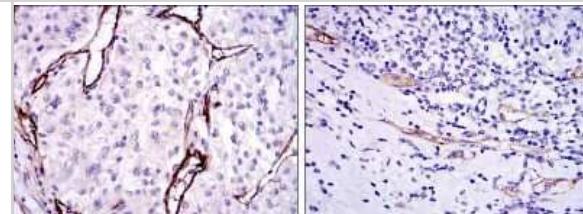
Immunocytochemistry/Immunofluorescence: Endoglin/CD105 Antibody (3A9) [NBP2-22122] - Analysis of HepG2 cells using CD105 mouse mAb (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor555 phalloidin (red).



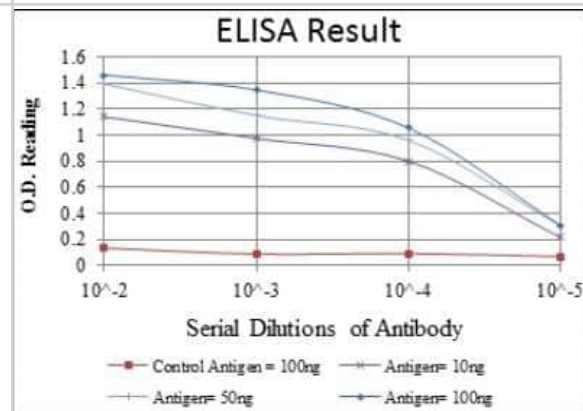
Immunocytochemistry/Immunofluorescence: Endoglin/CD105 Antibody (3A9) [NBP2-22122] - HMSC cells stained with anti-CD105 antibody. ICC/IF image submitted by a verified customer review.



Immunohistochemistry-Paraffin: Endoglin/CD105 Antibody (3A9) [NBP2-22122] - Analysis of paraffin-embedded kidney cancer tissues (left) and stomach cancer tissues (right) using CD105 mouse mAb with DAB staining.



ELISA: Endoglin/CD105 Antibody (3A9) [NBP2-22122] - Red: Control Antigen (100 ng), Purple: Antigen (10 ng), Green: Antigen (50 ng), Blue: Antigen (100 ng).



Publications

Filidou E, Kandilogiannakis L, Tarapatzi G et al. A Simplified and Effective Approach for the Isolation of Small Pluripotent Stem Cells Derived from Human Peripheral Blood Biomedicines 2023-03-05 [PMID: 36979766] (Immunocytochemistry/ Immunofluorescence, Human)

Bosoteanu M, Deacu M, Aschie M et al. The Role of Pathogenesis Associated with the Tumor Microclimate in the Differential Diagnosis of Uterine Myocytic Tumors Journal of clinical medicine 2023-06-20 [PMID: 37373854] (IHC, Human)

Qiao X, Bhave S, Swain L et al. Myocardial Injury Promotes Matrix Metalloproteinase-9 Activity in the Renal Cortex in Preclinical Models of Acute Myocardial Infarction Journal of cardiovascular translational research 2021-03-29 [PMID: 33782857] (WB)

Esteban-Vives R, Ziembicki J, Choi MS et al. Isolation and Characterization of a Human Fetal Mesenchymal Stem Cell Population: Exploring the Potential for Cell Banking in Wound Healing Therapies Cell Transplant 2019-08-13 [PMID: 31407589] (ICC/IF, Human)

Calabrese G, Giuffrida R, Forte S et al. Human adipose-derived mesenchymal stem cells seeded into a collagen-hydroxyapatite scaffold promote bone augmentation after implantation in the mouse Sci Rep 2017 Aug 02 [PMID: 28769083] (ICC/IF, Human)

Calabrese G, Giuffrida R, Forte S et al. Human adipose-derived mesenchymal stem cells seeded into a collagen-hydroxyapatite scaffold promote bone augmentation after implantation in the mouse Sci Rep 2017 Aug 02 [PMID: 28769083] (Flow, Human)

D'Amico L, Belisario D, Migliardi G et al. C-met inhibition blocks bone metastasis development induced by renal cancer stem cells Oncotarget 2016-07-19 [PMID: 27322553] (IHC-P, Mouse)





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Products Related to NBP2-22122

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)
NBP2-49516PEP	Endoglin/CD105 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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