

Product Datasheet

Endoglin/CD105 Antibody (MEM-226) [Allophycocyanin] NB500-452APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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Publications: 2

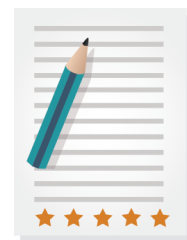
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NB500-452APC

Endoglin/CD105 Antibody (MEM-226) [Allophycocyanin]

Product Information	
Unit Size	0.1 ml
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-226
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Allophycocyanin
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	2022
Gene Symbol	ENG
Species	Human, Rat
Marker	Neo-endothelial Cells Marker
Specificity/Sensitivity	The antibody MEM-226 reacts with CD105 (Endoglin), a 90 kDa type I homodimerizing membrane 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 full length protein (Human). Expressed in vaccinia virus containing CD105 cDNA.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunoprecipitation, Flow (Cell Surface), CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Publications

Deng W, Jo JI, Morikuni H et al. Senescence-associated secretory phenotypes in rat-derived dedifferentiated fat cells with replicative senescence Dental materials journal 2023-02-10 [PMID: 36775334] (FLOW, Rat)

Horiuchi K, Ozeki N, Endo K Et al. Thawed cryopreserved synovial mesenchymal stem cells show comparable effects to cultured cells in the inhibition of osteoarthritis progression in rats Sci Rep 2021-05-07 [PMID: 33958682]

Details:

Citation using the Allophycocyanin version of this antibody.





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Products Related to NB500-452APC

IC003A	Mouse IgG2a Isotype Control (20102) [Allophycocyanin]
NBP2-34493PEP	Endoglin/CD105 Recombinant Protein Antigen
DVE00	VEGF [HRP]
DNDG00	Endoglin/CD105 [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.

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