

Product Datasheet

Endoglin/CD105 Antibody (MJ7/18) [CoraFluor™ 1] NBP2-81085CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-81085CL1

Endoglin/CD105 Antibody (MJ7/18) [CoraFluor™ 1]

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. Do not freeze.
Clonality	Monoclonal
Clone	MJ7/18
Preservative	No Preservative
Isotype	IgG Kappa
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.
Host	Rabbit
Gene ID	2022
Gene Symbol	ENG
Species	Mouse
Specificity/Sensitivity	MJ7/18 binds specifically to mouse Endoglin/CD105. Endoglin/CD105 is a homodimer expressed by vascular endothelial cells. Endoglin/CD105 functions in adhesion and embryonic angiogenesis. Endoglin/CD105 is a major homodimeric glycoprotein of vascular endothelium involved in cell adhesion through integrin/RGD binding and the regulation of angiogenesis. Also acts as TGF-beta coreceptor and is involved in the TGF-beta/BMP signaling cascade. Endoglin/CD105 is also required for GDF2/BMP9 signaling through SMAD1 in endothelial cells.
Immunogen	MJ7/18 was prepared by immunizing rats with inflamed mouse skin tissue. The antibody was selected immunohistologically for reactivity with endothelial cells.
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-81085CL1

NBP2-34493PEP	Endoglin/CD105 Recombinant Protein Antigen
DVE00	VEGF [HRP]
DNDG00	Endoglin/CD105 [HRP]
AF3628	CD31/PECAM-1 Antibody [Unconjugated]

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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