

Product Datasheet

Endocan/ESM-1 Antibody (6D4) - Azide and BSA Free H00011082-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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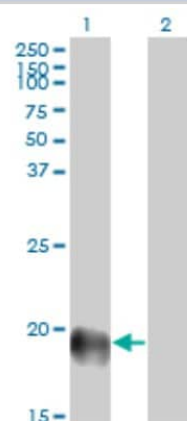
H00011082-M02

Endocan/ESM-1 Antibody (6D4) - Azide and BSA Free

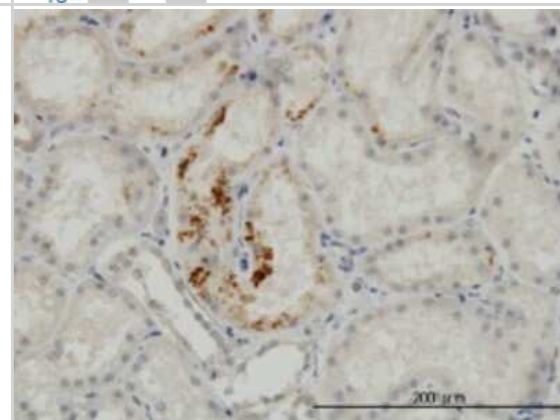
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6D4
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse Endocan/ESM-1 Antibody (6D4) - Azide and BSA Free (H00011082-M02) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Endocan/ESM-1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	11082
Gene Symbol	ESM1
Species	Human
Specificity/Sensitivity	ESM1 - endothelial cell-specific molecule 1
Immunogen	ESM1 (NP_008967, 85 a.a. ~ 184 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PSNGEDPFGEEFGICKDCPYGTFGMDCRETCNCQSGICDRGTGKCLKFPFFQ YSVTKSSNRFVSLTEHDMASGDGNIVREEVVKENAAGSPVMRKWLNPR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactive against recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

Images

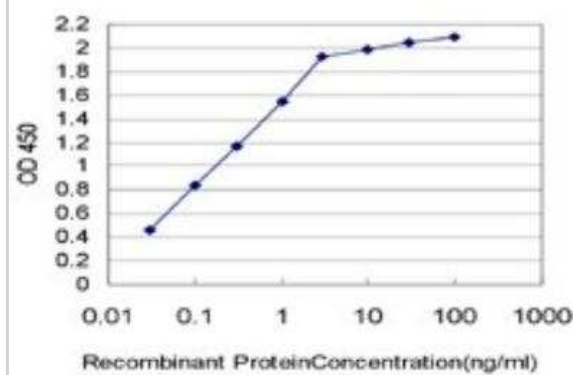
Western Blot: Endocan/ESM-1 Antibody (6D4) [H00011082-M02] - Analysis of ESM1 expression in transfected 293T cell line by ESM1 monoclonal antibody (M02), clone 6D4. Lane 1: ESM1 transfected lysate (20.1 KDa). Lane 2: Non-transfected lysate.



Immunohistochemistry-Paraffin: Endocan/ESM-1 Antibody (6D4) [H00011082-M02] - Analysis of monoclonal antibody to ESM1 on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



ELISA: Endocan/ESM-1 Antibody (6D4) [H00011082-M02] - Detection limit for recombinant GST tagged ESM1 is approximately 0.03ng/ml as a capture antibody.



Publications

Scuruchi, M;Aliquò, F;Avenoso, A;Mandraffino, G;Vermiglio, G;Minuti, A;Campo, S;Campo, GM;D'Ascola, A; Endocan Knockdown Down-Regulates the Expression of Angiogenesis-Associated Genes in IL-1 β Activated Chondrocytes Biomolecules 2023-05-18 [PMID: 37238720]

Lai CY, Chen CM, Hsu WH et al. Overexpression of Endothelial Cell-Specific Molecule 1 Correlates with Gleason Score and Expression of Androgen Receptor in Prostate Carcinoma. Int J Med Sci 2017-09-30 [PMID: 29104483]

Liu N, Zhang LH, Du H et al. Overexpression of Endothelial Cell Specific Molecule-1 (ESM-1) in Gastric Cancer. Ann Surg Oncol. 2010-04-10 [PMID: 20383661]

Ji NY, Kim YH, Jang YJ et al. Identification of endothelial cell-specific molecule-1 as a potential serum marker for colorectal cancer. Cancer Sci. 2010-07-30 [PMID: 20735430]

Kang YH, Ji NY, Lee CI et al. ESM-1 silencing decreased cell survival, migration, and invasion and modulated cell cycle progression in hepatocellular carcinoma. Amino Acids. 2010-09-07 [PMID: 20821239]



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Products Related to H00011082-M02

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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