VE-Cadherin Recombinant Monoclonal Antibody [BLR091G]



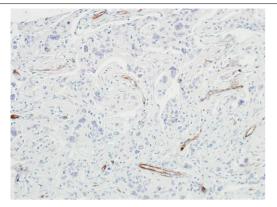
Rabbit Recombinant Monoclonal				
Purified			lefSeq ID	NP_001786.2
Catalog No. A700-091)91 U	Jniprot ID	P33151
Lot No.	1	G	GenelD	1003
APPLICATIONS		WB, IP, IHC, ICC, IHC-IF		
SPECIES REACTIVITY		Human		
AMOUNT		100 µl (50+ tests)		
CONCENTRATION		1000 μg/ml		
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt		
PHYSICAL STATE		Liquid		
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free		
ISOTYPE		IgG		
CLONE #		BLR091G		
ORIGIN		USA		
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.		
		Immunogen was a recombinant protein representing the extracellular domain of human VE- Cadherin (residues 48-599, NP_001786.2).		
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.		
		Western Blot	1:10	000
		Immunoprecipitat	tion 6 µl	/1 mg lysate
		Immunohistochem		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE tissue sections.
		Immunocytochem		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE cell sections.
		Immunofluorescer (IHC)		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE tissue sections.
IHC HUMAN CONTROLS		Breast Carcinoma, Prostate Carcinoma, Renal Cell Carcinoma, BeWo Cells, HUVEC-C Cells		
ADDITIONAL INFO		https://www.fortislife.com/p/A700-091 Use the link above to view SDS, a current list of citations, and other product specific information.		

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: March 23, 2023

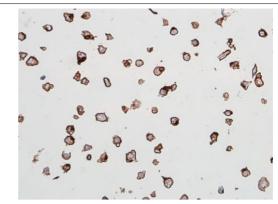
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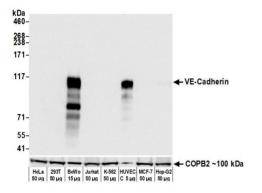
A700-091

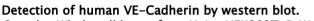


Detection of human VE-Cadherin in FFPE breast carcinoma by IHC. *Antibody:* Rabbit anti-VE-Cadherin recombinant monoclonal antibody [BLR091G] (A700-091 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

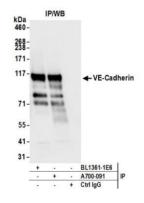


Detection of human VE-Cadherin in FFPE HUVEC-C cells by ICC. *Antibody:* Rabbit anti-VE-Cadherin recombinant monoclonal antibody [BLR091G] (A700-091 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



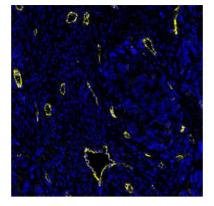


Samples: Whole cell lysate from HeLa, HEK293T, BeWo, Jurkat, K-562, HUVEC-C, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-VE-Cadherin recombinant monoclonal antibody [BLR091G] (A700-091 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-COPB2 (A304-523A).



Detection of human VE-Cadherin by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from BeWo cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-VE-Cadherin recombinant monoclonal antibody [BLR091G] (A700-091 lot 1) used for IP at 6 µl per reaction. VE-Cadherin was also immunoprecipitated by rabbit anti-VE-Cadherin recombinant monoclonal antibody (BL1361-1E6). For blotting immunoprecipitated VE-Cadherin, A700-091 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 seconds.

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Detection of human VE-Cadherin in FFPE ovarian carcinoma by immunohistochemistry-IF. Antibody: Rabbit anti-VE-Cadherin recombinant monoclonal antibody [BLR091G] (A700-091 Lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P). Substrate: Opal[™]. Counterstain: DAPI.

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