CD34 Recombinant Monoclonal Antibody [BLR197J]

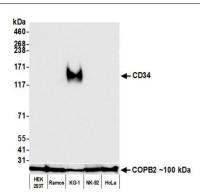
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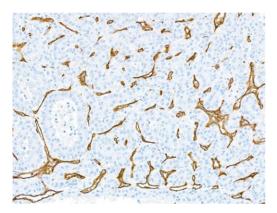
Rabbit Recombinant Monoclonal					
Purified		Pro	otein ID	NP_001020280.1	
Catalog No. A700-197		197 Ge	enelD	947	
Lot No.	A700-	97-1			
APPLICATIONS		WB, IP, IHC, ICC			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl (50+ tests)			
CONCENTRATION		100 µg/ml			
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG			
CLONE #		BLR197J			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
		Immunogen was a recombinant protein representing the extracellular domain of human Hematopoietic progenitor cell antigen CD34 (residues 33-290, NP_001020280.1).			
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	1:1,	,000	
		Immunoprecipitatio	ion 20 j	µl/1 mg lysate	
		Immunohistochem		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE tissue sections.	
		Immunocytochemi		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is pommended for FFPE cell sections.	
		Kidney, Liver Carcir KG-1 Cells	Kidney, Liver Carcinoma, Lung, Ovarian Carcinoma, Placenta, Prostate Carcinoma, Spleen, Tonsil, KG-1 Cells		
ADDITIONAL INFO		https://www.bethyl.com/product/A700-197 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: December 14, 2021

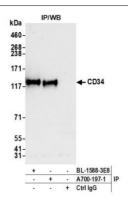
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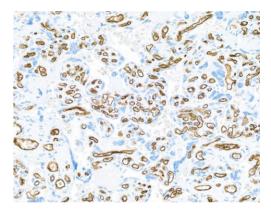
Detection of human CD34 by western blot. *Samples:* Whole cell lysate (50 µg) from HEK293T, Ramos, KG-1, NK-92, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD34 recombinant monoclonal antibody [BLR197J] (A700-197 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 1 second. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



Detection of human CD34 by immunohistochemistry. *Sample:* FFPE section of liver carcinoma. *Antibody:* Rabbit anti-CD34 recombinant monoclonal antibody [BLR197J] (A700-197 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).

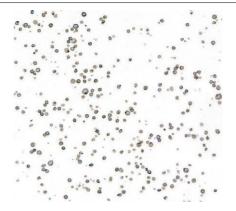


Detection of human CD34 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from KG-1 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CD34 recombinant monoclonal antibody [BLR197J] (A700-197 lot 1) used for IP at 20 µl/mg lysate. CD34 was also immunoprecipitated by a second antibody against a different epitope of CD34 (BL-1588-3E8). For blotting immunoprecipitated CD34, A700-197 was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.



Detection of human CD34 by immunohistochemistry. *Sample:* FFPE section of placenta. *Antibody:* Rabbit anti-CD34 recombinant monoclonal antibody [BLR197J] (A700-197 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).

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Detection of human CD34 by immunocytochemistry. *Sample:* FFPE section of KG-1 cells. *Antibody:* Rabbit anti-CD34 recombinant monoclonal antibody [BLR197J] (A700-197 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).