CEACAM1 Recombinant Monoclonal Antibody [BLR090G]

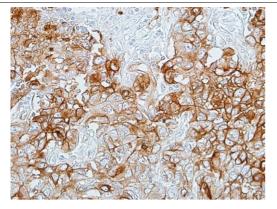
Rabbit Recombinant Monoclonal					
Purified		I	Protein ID	NP_001020083.1	
Catalog No.	A700-0	090	GenelD	634	RETUVI
Lot No.	A700-0	090-1			LABORATORIES, INC
APPLICATIONS		WB, IP, IHC, ICC			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl (50+ tests)			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 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 #		BLR090G			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
		Immunogen was a recombinant protein representing the extracellular domain of human CEACAM1 (residues 35-433, NP_001020083.1).			
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	
		Immunoprecipita	ation 6 µ	I/1 mg lysate	
		Immunohistoche	,	00 to 1:500. Epitope retrieval with citrate b ommended for FFPE tissue sections.	uffer pH6.0 is
		Immunocytocher		00 to 1:500. Epitope retrieval with citrate b ommended for FFPE cell sections.	uffer pH6.0 is
IHC HUMAN CC	ONTROLS	Breast Carcinoma, Melanoma, Prostate Carcinoma, Skin Carcinoma, BeWo Cells, HCT 116 Cells, OVCAR-4 Cells, SW620 Cells			
			hyl.com/product/A700-090		
Use the link above to view SDS, a current list of citations, and other product spe					luct specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.Eric McIntush, PhD | Chief Scientific OfficerDate: January 24, 2020

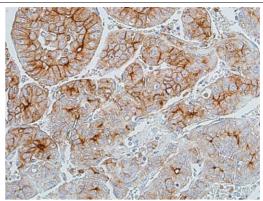
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CEACAM1 Recombinant Monoclonal Antibody [BLR090G]

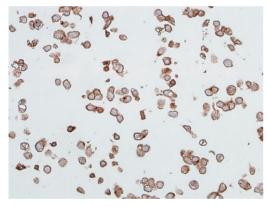
A700-090



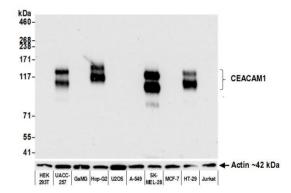
Detection of human CEACAM1 in FFPE breast carcinoma by IHC. *Antibody:* Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR090G] (A700-090 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human CEACAM1 in FFPE liver carcinoma by IHC. Antibody: Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR090G] (A700-090 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P). Substrate: DAB.



Detection of human CEACAM1 in FFPE Hep-G2 cells by ICC. Antibody: Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR090G] (A700-090 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P). Substrate: DAB.



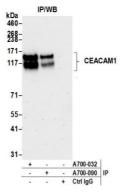
Detection of human CEACAM1 by western blot. *Samples:* Whole cell lysate (5 µg) from HEK293T, UACC-257, GaMG, Hep-G2, U2OS, A-549, SK-MEL-28, MCF-7, HT-29, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR090G] (A700-090 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR034F] (A700-034).

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A700-090

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Detection of human CEACAM1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from UACC-257 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR090G] (A700-090 lot 1) used for IP at 6 µl per reaction. CEACAM1 was also immunoprecipitated by rabbit anti-CEACAM1/5 recombinant monoclonal antibody [BLR032F] (A700-032). For blotting immunoprecipitated CEACAM1, A700-090 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.

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