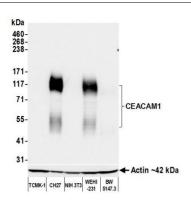
CEACAM1 Recombinant Monoclonal Antibody [BLR240L]



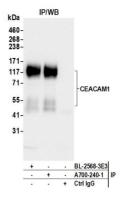
Rabbit Recombinant Monoclonal					
Purified		Ref	fSeq ID	NP_001034274.1	
Catalog No.	A700-2	240 Un	niprot ID	P31809	
Lot No.	1	Ge	enelD	26365	
APPLICATIONS		WB, IP, IHC, ICC			
SPECIES REACTIVITY		Mouse			
AMOUNT		100 µl (50+ tests)			
CONCENTRATION		50 μg/ml			
STORAGE/SHELF LIFE		2 - 8°C / 1 year from 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 #		BLR240L			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
		Immunogen was a recombinant protein representing the extracellular domain of mouse Carcinoembryonic antigen-related cell adhesion molecule 1 (aka CEACAM1, residues 35- 141, NP_001034274.1).			
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		ul/1 mg lysate	
		Immunohistochemistry		00 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is ommended for FFPE tissue sections.	
		Immunocytochemis		00 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is ommended for FFPE cell sections.	
IHC MOUSE CONTROLS ADDITIONAL INFO		Bone Marrow, Intestine, Liver, CH27 Cells, F9 Cells, WEHI-231 Cells			
		https://www.fortislife.com/p/A700-240 Use the link above to view SDS, a current list of citations, and other product specific information.			
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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: April 14, 2023

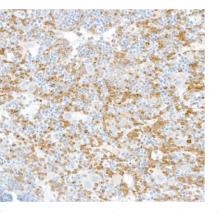
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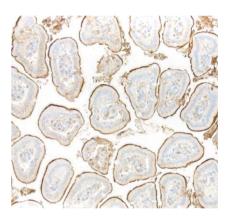
Detection of mouse CEACAM1 by western blot. *Samples:* Whole cell lysate (25 µg) from TCMK-1, CH27 (10 µg), NIH 3T3, WEHI-231, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR240L] (A700-240 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of mouse CEACAM1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from WEHI-231 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR240L] (A700-240 lot 1) used for IP at 20 µl/mg lysate. CEACAM1 was also immunoprecipitated by a second antibody against a different epitope of CEACAM1 (BL-2568-3E3). For blotting immunoprecipitated CEACAM1, A700-240 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



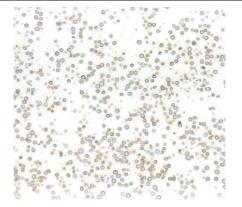
Detection of mouse CEACAM1 by immunohistochemistry. Sample: FFPE section of mouse bone marrow. Antibody: Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR240L) (A700-240). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse CEACAM1 by immunohistochemistry. Sample: FFPE section of mouse intestine. Antibody: Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR240L) (A700-240). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P).

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Detection of mouse CEACAM1 by immunocytochemistry. *Sample:* FFPE section of mouse WEHI-231 cells. *Antibody:* Rabbit anti-CEACAM1 recombinant monoclonal antibody [BLR240L) (A700-240). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).