CD137 Recombinant Monoclonal Antibody [BLR051F]

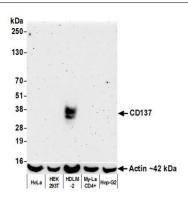


Rabbit Recombinant Monoclonal					
Purified		RefSeq	ID	NP_001552.2	
Catalog No. A700-051-T		Uniprot	t ID	Q07011	
Lot No.	A700-051-T-4		GenelD		3604
APPLICATIONS		WB, IP, IHC, ICC, Flow Cyt			
SPECIES REACTIVITY		Human			
AMOUNT		10 µl (5+ tests)			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 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 #		BLR051F			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
		Immunogen was a recombinant protein representing the extracellular domain of human CD137 (residues 24–189, NP_001552.2).			
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
		Immunoprecipi	tation	20 µ	ul/1 mg lysate
		Immunohistoch	nemistry		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE tissue sections.
		Immunocytoch	emistry		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE cell sections.
		Flow Cytometry	/		or cells fixed in 4% formaldehyde and permeabilized with 90% hanol. 0.25 ul per 1 x 10^6 cells.
IHC HUMAN CONTROLS		Tonsil, HDLM-2 Cells			
ADDITIONAL INFO		https://www.fortislife.com/p/A700-051-T 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: February 28, 2023

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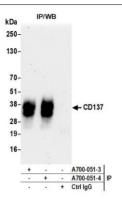
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Detection of human CD137 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, HDLM-2, My-La CD4+, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD137 recombinant monoclonal antibody [BLR051F] (A700-051 lot 4) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human CD137 in FFPE tonsil by IHC. Antibody: Rabbit anti-CD137 recombinant monoclonal antibody [BLR051F] (A700-051). Secondary: HRPconjugated goat anti-rabbit IgG (A120-501P). Substrate: DAB.



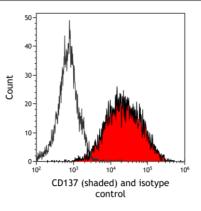
Detection of human CD137 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HDLM-2 cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-CD137 recombinant monoclonal antibody [BLR051F] (A700-051 lot 4) used for IP at 6 μ l/mg lysate. CD137 was also immunoprecipitated by a previous lot of this antibody (A700-051 lot 3). For blotting immunoprecipitated CD137, A700-051 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.



Detection of human CD137 in FFPE HDLM-2 by ICC. Antibody: Rabbit anti-CD137 recombinant monoclonal antibody [BLR051F] (A700-051). Secondary: HRPconjugated goat anti-rabbit IgG (A120-501P). Substrate: DAB.

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Detection of human CD137 (shaded) in HDLM-2 cells by flow cytometry. *Antibody:* Rabbit anti-CD137 recombinant monoclonal antibody [BLR051F] (A700-051) or isotype control (unshaded). *Secondary:* DyLight® 488-conjugated goat anti-rabbit IgG (A120-101D2).

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