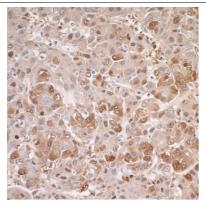
Arginase 1 Recombinant Monoclonal Antibody [BLR036F]

Rabbit Recom	binant M	onoclonal				
Purified			Protein ID	_	57.1	
Catalog No.	A700-0		GenelD	383		RETHVI
Lot No.	A700-0	036-T-1				LABORATORIES, INC
APPLICATIONS		WB, IP, IHC, ICC, IHC-IF				
SPECIES REACTIVITY		Human				
AMOUNT		10 µl (5+ tests)				
CONCENTRATION		250 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 #		BLR036F				
ORIGIN		USA				
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.				
		Immunogen was a recombinant protein representing full length arginase 1 (residues 10322, NP_00036.2).				
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	1000		
		Immunoprecip	itation 2	20 ul/1mg lysate		
		Immunohistocl		1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.		
		Immunocytoch		1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.		
		Immunofluores (IHC)			ope retrieval with citrate b PE tissue sections.	uffer pH6.0 is
IHC HUMAN CONTROLS Liver, Liver Ca			inoma, Skin, Hep-G2 Cells, HL-60 Cells			
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A700-036-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.Eric McIntush, PhD | Chief Scientific OfficerDate: September 23, 2019

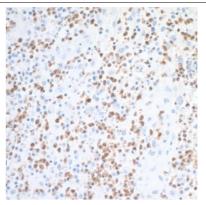
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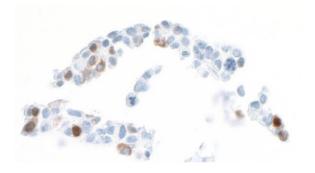
Detection of human Arginase 1 by

immunohistochemistry. *Sample:* FFPE section of human liver carcinoma. *Antibody:* Rabbit anti-Arginase 1 recombinant monoclonal antibody [BLR036F] (A700-036-T lot 1) used at 1:250. *Secondary:* HRP-conjugated goat antirabbit IgG (A120-501P). *Substrate:* DAB.



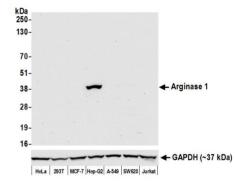
Detection of human Arginase 1 by

immunohistochemistry. *Sample:* FFPE section of human skin. *Antibody:* Rabbit anti-Arginase 1 recombinant monoclonal antibody [BLR036F] (A700-036-T lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human Arginase 1 by immunocytochemistry.

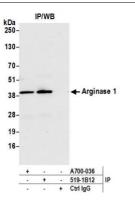
Sample: FFPE section of Hep-G2 cells. Antibody: Rabbit anti-Arginase 1 recombinant monoclonal antibody [BLR036F] (A700-036-T lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P). Substrate: DAB.



Detection of human Arginase 1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, MCF-7, Hep-G2, A-549, SW620, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-Arginase 1 recombinant monoclonal antibody [BLR036F] (A700-036-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-GAPDH (A300-639A).

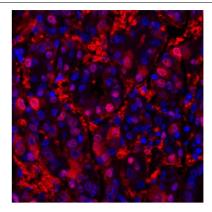
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Detection of human Arginase 1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-Arginase 1 recombinant monoclonal antibody [BLR036F] (A700-036-T lot 1) used for IP at 20 µl per reaction. Arginase 1 was also immunoprecipitated by rabbit anti-Arginase 1 recombinant monoclonal antibody [519-1B12]. For blotting immunoprecipitated Arginase 1, A700-036-T was used at 1:1000. Chemiluminescence with an exposure

time of 10 seconds.



Detection of human Arginase 1 (red) by

immunohistochemistry. Sample: FFPE section of human liver carcinoma. Antibody: Rabbit anti-Arginase 1 recombinant monoclonal antibody [BLR036F] (A700-036-T lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P). Substrate: Opal™. Counterstain: DAPI (blue).