## IDO1 Recombinant Monoclonal Antibody [BLR031F]

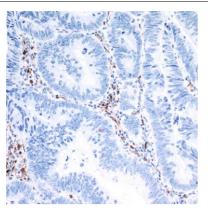
				/ .	(m)
Rabbit Recom	binant M	onoclonal			
Purified			Protein ID	NP_002155.1	
Catalog No.	A700-031 G		GenelD	3620	RETHVI
Lot No.	A700-0	031-1			LABORATORIES, INC
APPLICATIONS		WB, IHC, ICC, IHC-IF			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl (50+ tests)			
CONCENTRATION		50 μg/ml			
STORAGE/SHELF LIFE		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 #		BLR031F			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
		Immunogen was a recombinant protein representing human Indoleamine 2,3-dioxygenase 1 (IDO1, residues 1-403, NP_002155.1).			
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:	1000	
		Immunohistoche	,	100 to 1:500. Epitope retrieval commended for FFPE tissue sec	
		Immunocytoche	-	100 to 1:500. Epitope retrieval commended for FFPE cell sectio	
		Immunofluoresc (IHC)		100 to 1:500. Epitope retrieval commended for FFPE tissue sec	
IHC HUMAN CONTROLS		Colon Carcinoma, Ovarian Carcinoma, Tonsil, A-549 Cells			
ADDITIONAL INFO		https://www.bethyl.com/product/A700-031 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 Officer Date: June 21, 2019

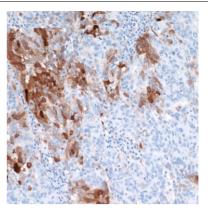
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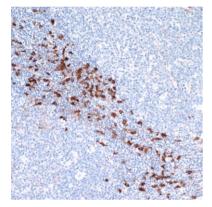
A700-031



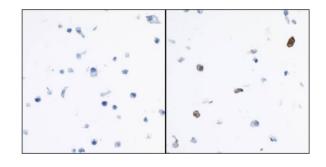
**Detection of human IDO1 by immunohistochemistry.** *Sample:* FFPE section of colon carcinoma. *Antibody:* Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



**Detection of human IDO1 by immunohistochemistry.** *Sample:* FFPE section of ovarian carcinoma. *Antibody:* Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

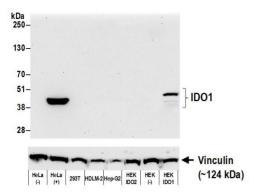


**Detection of human IDO1 by immunohistochemistry.** *Sample:* FFPE section of tonsil. *Antibody:* Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

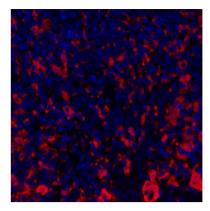


**Detection of human IDO1 by immunocytochemistry.** *Sample:* FFPE section of A-549 cells, untreated (left) or treated with human Interferon- $\gamma$  (right). *Antibody:* Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

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**Detection of human IDO1 by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa treated with IFNgamma (+) or mock treated (-), HEK293T, HDLM-2, Hep-G2, IDO2 over-expressing HEK, untransfected HEK, and IDO1 over-expressing HEK cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 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-Vinculin (A302-535A).



Detection of human IDO1 (red) by immunohistochemistry. Sample: FFPE section of human skin carcinoma. Antibody: Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P). Substrate: Opal<sup>™</sup>. Counterstain: DAPI (blue).