## IDO1 Recombinant Monoclonal Antibody [BLR031F]

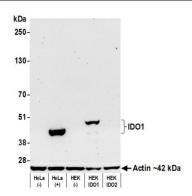


Rabbit Recombinant Monoclonal					
Purified			RefSeq ID	NP_002155.1	
Catalog No.	Catalog No. A700-031-T		Uniprot ID	P14902	
Lot No.	A700-	031-T-2	GenelD	3620	
APPLICATIONS		WB, IHC, ICC, IHC-IF			
SPECIES REACTIVITY		Human			
AMOUNT		10 µl (5+ tests)			
CONCENTRATION		50 μg/ml			
STORAGE/SHELF LIFE		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.			
INCLUCINES		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	
		Immunohistoch	,	100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is commended for FFPE tissue sections.	
		Immunocytoche		100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is commended for FFPE cell sections.	
		Immunofluores (IHC)		100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is commended for FFPE tissue sections.	
IHC HUMAN CONTROLS		Colon Carcinoma, Lung Carcinoma, Ovarian Carcinoma, Tonsil, A-549 Cells			
ADDITIONAL INFO		https://www.fortislife.com/p/A700-031-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: November 15, 2022

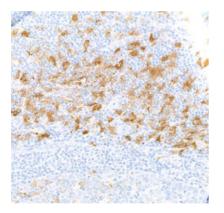
For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.

A700-031-T

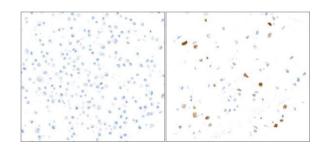


Detection of human IDO1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 lot 2). Secondary: HRPconjugated goat anti-rabbit IgG (A120-501P).

Detection of human IDO1 by western blot. Samples: Whole cell lysate (50 µg) from HeLa treated with IFN-gamma (+) or mock treated (-), untransfected HEK, IDO1 overexpressing HEK, and IDO2 over-expressing HEK cells prepared using NETN lysis buffer. Antibody: Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 lot 2) used at 1:1000. Secondary: HRPconjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).

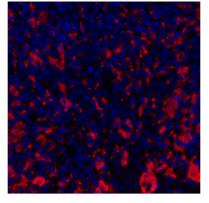


Detection of human IDO1 by immunohistochemistry. Sample: FFPE section of human tonsil. Antibody: Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 lot 2). Secondary: HRP-conjugated goat antirabbit IgG (A120-501P).



Detection of human IDO1 by immunocytochemistry. Sample: FFPE sections of untreated A549 cells (left) and INF- $\gamma$  treated A549 cells (right). Antibody: Rabbit anti-IDO1 recombinant monoclonal antibody [BLR031F] (A700-031 lot 2). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P).

3



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).