

TIGIT Recombinant Monoclonal Antibody [BLR047F]

Rabbit Recombinant Monoclonal

Purified Protein ID NP_776160.2
Catalog No. A700-047 GeneID 201633
Lot No. A700-047-5



APPLICATIONS WB, IHC, IHC-IF
SPECIES REACTIVITY Human
AMOUNT 100 µl (50+ 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 # BLR047F
ORIGIN USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 194 and the C-terminus (residue 244) of human T-cell immunoreceptor with Ig and ITIM domains precursor (TIGIT) using the numbering given in entry NP_776160.2 (Gene ID 201633).

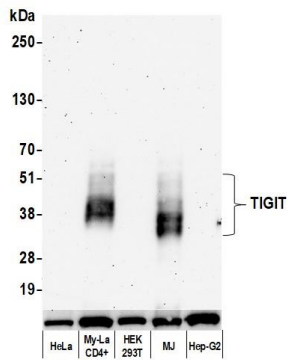
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1000
Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunofluorescence (IHC) 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

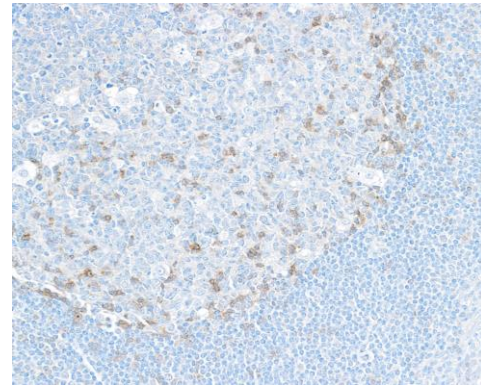
IHC HUMAN CONTROLS Tonsil

ADDITIONAL INFO <https://www.bethyl.com/product/A700-047>
Use the link above to view SDS, a current list of citations, and other product specific information.

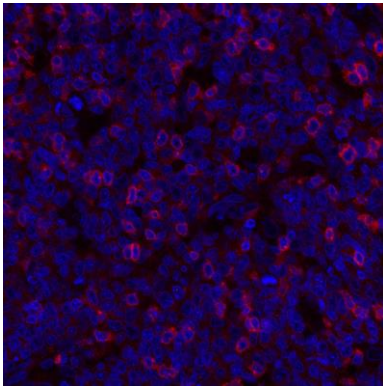
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: June 22, 2021



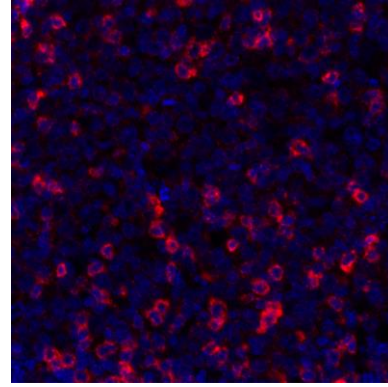
Detection of human TIGIT by western blot. *Samples:* Whole cell lysate (10 μ g) from HeLa, My-La CD4+, HEK293T, MJ, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-TIGIT recombinant monoclonal antibody [BL-329-4D11] (A700-047 lot 5) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 minutes.



Detection of human TIGIT in FFPE tonsil by immunohistochemistry. *Antibody:* Rabbit anti-TIGIT recombinant monoclonal antibody [BLR047F] (A700-047 lot 5). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human TIGIT (red) in immunohistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Rabbit anti-TIGIT recombinant monoclonal antibody [BLR047F] (A700-047 lot 1). *Secondary:* Dylight 594 conjugated goat-anti-rabbit IgG (A120-101D4). Counterstain: DAPI (blue).



Detection of human TIGIT (red) by immunohistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Rabbit anti-TIGIT recombinant monoclonal antibody [BLR047F] (A700-047 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* Opal™. *Counterstain:* DAPI (blue).