

# hIgG4 Recombinant Monoclonal Antibody [BLR113H]

Rabbit Recombinant Monoclonal

Purified Protein ID P01861  
Catalog No. A700-113-T GeneID 3503  
Lot No. A700-113-T-1



**APPLICATIONS** WB, IHC  
**SPECIES REACTIVITY** Human  
**AMOUNT** 10 µl (5+ tests)  
**CONCENTRATION** 100 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 #** BLR113H  
**ORIGIN** USA

**PRODUCTION PROCEDURES** Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 75 and 125 (Hinge) of hIgG4 using the numbering given in entry P01861 (Gene ID 3503).

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

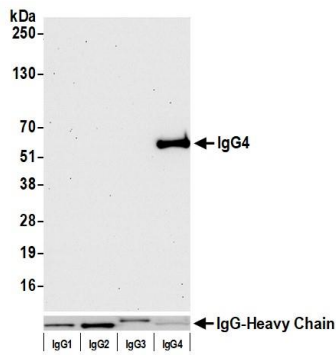
Western Blot 1:1,000

Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

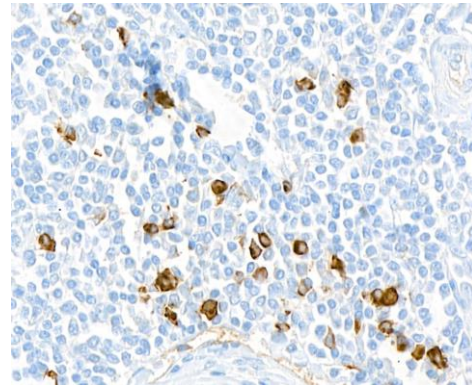
**IHC HUMAN CONTROLS** Tonsil

**ADDITIONAL INFO** <https://www.bethyl.com/product/A700-113-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 Officer Date: June 30, 2020



**Detection of human IgG4 by western blot.** *Samples:* Purified human IgG1 (0.1 µg), IgG2 (0.5 µg), IgG3 (0.5 µg), and IgG4 (0.5 µg). *Antibody:* Rabbit anti-IgG4 recombinant monoclonal antibody [BLR113H] (A700-113-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: Goat anti-Human IgG-heavy and light chain antibody (A80-119P).



**Detection of human hIgG4 in FFPE tonsil by immunohistochemistry.** *Antibody:* Rabbit anti-hIgG4 recombinant monoclonal antibody [BLR113H] (A700-113-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.