

bsm-63127R**[Primary Antibody]**

hlgG4 Recombinant Rabbit mAb

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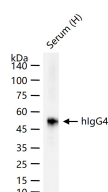
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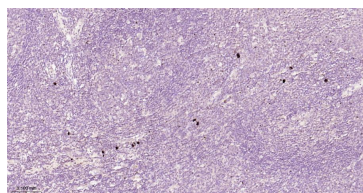
— DATASHEET —

Host: Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 8F7**Target:** hlgG4**Immunogen:** A synthesized peptide derived from human Human IgG4: 60-120/396.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol.
Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Constant region of immunoglobulin heavy chains. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells. Secreted immunoglobulins mediate the effector phase of humoral immunity, which results in the elimination of bound antigens**Applications:** WB (1:500-1:2000)**IHC-P** (1:200-1:1000)**IHC-F** (1:200-1:1000)**IF** (1:200-1:1000)**Reactivity:** Human**Predicted MW.:** 36 kDa

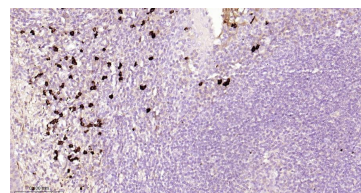
— VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with hlgG4 monoclonal antibody, unconjugated (bsm-63127R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Chronic tonsillitis; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with hlgG4 Monoclonal Antibody, Unconjugated (bsm-63127R) at 1:1000 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with hlgG4 Monoclonal Antibody, Unconjugated (bsm-63127R) at 1:1000 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.