

## Rabbit Anti-Human IgG4 antibody [IGHG4/2042R]

Cat. No. GTX17708

|             |                      |
|-------------|----------------------|
| Host        | Rabbit               |
| Clonality   | Monoclonal           |
| Isotype     | IgG                  |
| Application | IHC-P, Protein Array |
| Reactivity  | Human                |

Package  
100 µg

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution          |
|--------------------|-------------------------------|
| IHC-P              | 1-2µg/ml for 30 minutes at RT |
| Protein Array      | Assay dependent               |

**Note : Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.**

Not tested in other applications.

## PROPERTIES

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS, 0.05% BSA   |
| Preservative  | 0.05% Sodium azide   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.2 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | Recombinant full-length human IGHG4 protein  |
| Purification  | Protein A purified   |
| Conjugation   | Unconjugated   |

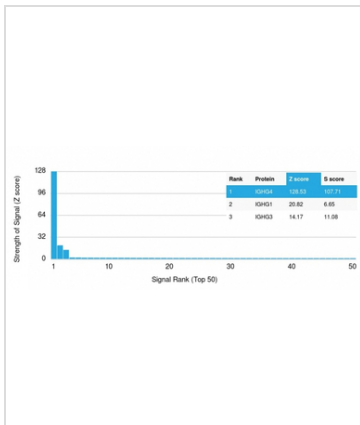
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

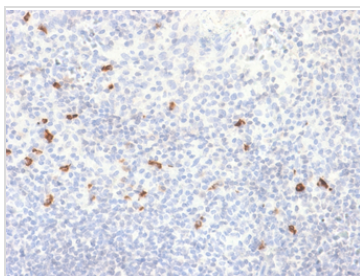
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**DATA IMAGES**

**GTx17708 Protein Array Image**

Analysis of Protein Array containing more than 19,000 full-length human proteins using IgG4 Recombinant Rabbit Monoclonal Antibody (IGHG4/2042R). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.


**GTx17708 IHC-P Image**

IHC-P analysis of human tonsil tissue using GTx17708 Human IgG4 antibody [IGHG4/2042R].



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