

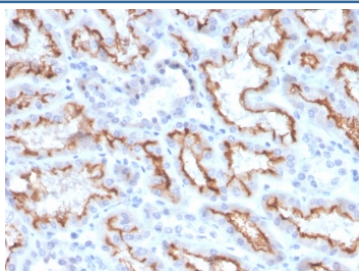
## Recombinant Interferon gamma Antibody [clone IFNG/3996R] (V8308)

| Catalog No.    | Formulation  | Size   |
|----------------|--|--------|
| V8308-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8308-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V8308SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

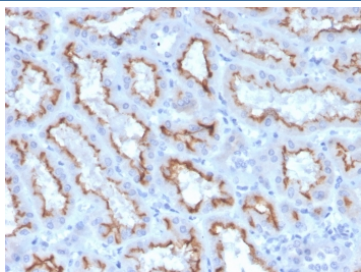
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Purified   |
| <b>Clonality</b>          | Recombinant Rabbit Monoclonal  |
| <b>Isotype</b>            | Rabbit IgG, kappa  |
| <b>Clone Name</b>         | IFNG/3996R   |
| <b>Purity</b>             | Protein A affinity chromatography  |
| <b>UniProt</b>            | P01579   |
| <b>Localization</b>       | Cytoplasmic, membranous, extracellular (secreted)                              |
| <b>Applications</b>       | Immunohistochemistry (FFPE) : 1-2ug/ml   |
| <b>Limitations</b>        | This recombinant Interferon gamma antibody is available for research use only. |



IHC staining of FFPE human kidney with recombinant Interferon gamma antibody (clone IFNG/3996R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



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## Description

Recognizes a protein of 20-25kDa, identified as human interferon. This MAb is specific to human IFN-g and recognizes both recombinant and native human IFN-gamma. T lymphocytes and NK cells mainly produce IFN-g. It is a pleiotropic cytokine involved in the regulation of nearly all phases of immune and inflammatory responses, including the activation, growth and differentiation of T cell, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. It has weak anti-viral and anti-proliferative activity, and potentiates the antiviral and anti-tumor effects of IFN-a/b (type I interferon).

## Application Notes

Optimal dilution of the recombinant Interferon gamma antibody should be determined by the researcher.

## Immunogen

Purified recombinant human IFNG was used as the immunogen for the recombinant Interferon gamma antibody.

## Storage

Store the recombinant Interferon gamma antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).