Anti-Human IFN-γ (25723.11)

DESCRIPTION

Specificity
The Anti-Human IFN-γ antibody recognizes a 20- to 25-kilodalton (kDa) glycoprotein, which is a type II interferon. It is also known as immune interferon.

Antigen distribution
Upon activation, IFN-γ is produced by CD8+ T-lymphocyte subsets, by the TH0 and TH1 subsets of CD4+ T lymphocytes, and by natural killer (NK) lymphocytes. IFN-γ is a multifunctional immunomodulator with antitumor and antiviral activity. IFN-γ is a pleiotropic cytokine instrumental in the regulation of immune and inflammatory processes, and it has a role in the differentiation and function of monocytes.

Clone
The Anti-Human IFN-γ antibody, clone 25723.11, is derived from the hybridization of P3X-63-Ag8.653 mouse myeloma cells with lymph node cells isolated from BALB/c mice immunized with recombinant human IFN-γ.

Composition
The Anti-Human IFN-γ antibody is composed of mouse IgG2b heavy chains and kappa light chains.

Product configuration
The following is supplied in phosphate buffered saline (PBS) containing a stabilizer and a preservative.

<table>
<thead>
<tr>
<th>Form</th>
<th>Number of tests</th>
<th>Volume per test (µL)</th>
<th>Amount provided (µg)</th>
<th>Total volume (mL)</th>
<th>Concentration (µg/mL)</th>
<th>Stabilizer</th>
<th>Preservative</th>
</tr>
</thead>
<tbody>
<tr>
<td>APC</td>
<td>100</td>
<td>5</td>
<td>6.0</td>
<td>0.5</td>
<td>12</td>
<td>Gelatin</td>
<td>0.1% Sodium azide</td>
</tr>
</tbody>
</table>

Purity
APC: ≤20% free fluorophore at bottling, as measured by size-exclusion chromatography (SEC)

HANDLING AND STORAGE
Store vials at 2°C–8°C. Conjugated forms should not be frozen. Protect from exposure to light. Each reagent is stable until the expiration date shown on the bottle label when stored as directed.

WARNING
All biological specimens and materials coming in contact with them are considered biohazards. Handle as if capable of transmitting infection and dispose of with proper precautions in accordance with federal, state, and local regulations. Never pipette by mouth. Wear suitable protective clothing, eyewear, and gloves.

Analyte Specific Reagent. Analytical and performance characteristics are not established.
CHARACTERIZATION

To ensure consistently high-quality reagents, each lot of antibody is tested for conformance with characteristics of a standard reagent.

WARRANTY

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