Anti-Kappa F(ab')2

FORMS

<table>
<thead>
<tr>
<th>Form</th>
<th>Catalog number</th>
</tr>
</thead>
<tbody>
<tr>
<td>FITC</td>
<td>644138</td>
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</tbody>
</table>

Product availability varies by region. Contact BD Biosciences Customer Support or your local sales representative for information.

DESCRIPTION

Specificity

The Anti-Kappa F(ab')2 polyclonal antibody is specific for kappa light chains of human immunoglobulins.1

Antigen distribution

Immunoglobulins bearing kappa light chains are present on approximately 50% of normal B lymphocytes2-5 and on Igκ+ leukemic and lymphoma cells.2-10 In serum, Anti-Kappa F(ab')2 FITC reacts with immunoglobulins bearing kappa light chains as well as free kappa light chains.

Antibody

Anti-Kappa F(ab')2 is derived from pooled antisera obtained from hyperimmunized goats and is purified by affinity chromatography. It is provided as F(ab')2 fragments.

Composition

The Anti-Kappa F(ab')2 antibody is composed of goat F(ab')2 heavy chain fragments and goat 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>FITC</td>
<td>50</td>
<td>20</td>
<td>Lot-specific</td>
<td>1.0</td>
<td>Refer to the vial label</td>
<td>Gelatin</td>
<td>0.1% sodium azide</td>
</tr>
</tbody>
</table>

Purity

FITC: ≤5% 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 infection11,12 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.

CHARACTERIZATION

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

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

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