Purified Mouse Anti-Rabbit CD25

Product Information
Material Number: 551779
Alternate Name: IL-2R alpha
Size: 0.1 mg
Concentration: 0.5 mg/ml
Clone: Kei-α1
Immunogen: Membrane preparation of the HTLV-1–transformed rabbit T-cell line F648b
Isotype: Mouse (BALB/c) IgG2b, κ
Reactivity: QC Testing: Rabbit
Storage Buffer: Aqueous buffered solution containing ≤0.09% sodium azide.

Description
The Kei-α1 antibody reacts with the rabbit homolog of CD25, the interleukin-2 receptor alpha chain (IL-2Rα). mAb Kei-α1 recognizes specifically IL-2Rα and neither the IL-2R β chain (CD122) nor the 25-kDa protein component of the rabbit high-affinity IL-2R complex. Based on flow cytometric analysis, fewer than 1% of resting peripheral blood T and B cells have been found to stain with Kei-α1, while a majority of PHA blasts show intense staining with Kei-α1. The HTLV-1-transformed rabbit cell lines, F648b and YR-1 both also show intense staining with Kei-α1. mAb Kei-α1 has been reported to block both high-and low-affinity IL-2 binding and also cell proliferation of rabbit PHA blasts induced by picomolar concentrations of IL-2.

Preparation and Storage
The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Store undiluted at 4°C.

Application Notes

Suggested Companion Products

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Name</th>
<th>Size</th>
<th>Clone</th>
</tr>
</thead>
<tbody>
<tr>
<td>557351</td>
<td>Purified Mouse IgG2b, κ Isotype Control</td>
<td>0.5 mg</td>
<td>MPC-11</td>
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Product Notices
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Use of these products to measure activation antigens expressed on mononuclear cell subsets for the purpose of monitoring immunoregulatory status can fall under one or more claims of the following patents: US Patent Nos. 5,445,939, 5,656,446, 5,843,689; European Patent No. 319,543; Canadian Patent No. 1,296,622; Australian Patent No. 615,880; and Japanese Patent No. 2,769,156.
4. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References