Mouse Anti-HLA-DRA (MHC II) [19-26.1]: MC0063, MC0063RTU7

**Intended Use:** For Research Use Only

**Description:** Human class II major histocompatibility complex (MHC) products are essential initiators of cellular immune responses. There are three major isotypes of human class II MHC molecules; HLA-DR, HLA-DP, and HLA-DQ, each of which consists of an alpha and beta chain. HLA-DR alpha is a polymorphic cell surface glycoprotein that is crucial for the cellular interaction in the immune response. Class II molecules have limited tissue distribution and are predominantly expressed on B lymphocytes and macrophage; these class II molecules present peptides derived from extracellular proteins to T cells.

**Specifications**

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLA-DRA (MHC II) Concentrated</td>
<td>MC0063</td>
<td>1 ml</td>
</tr>
<tr>
<td>HLA-DRA (MHC II) Prediluted</td>
<td>MC0063RTU7</td>
<td>7 ml</td>
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</tbody>
</table>

**IHC Procedure**

- Positive Control Tissue: Ramos, Daudi or HuT78 cells, Tonsil, lymph node
- Concentrated Dilution: 50-200
- Pretreatment: Citrate pH 6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
- Incubation Time and Temp: 30-60 minutes @ RT
- Detection: Refer to the detection system manual

*Result should be confirmed by an established diagnostic procedure.

**References**