**DESCRIPTION**

**Species Reactivity** Human

**Specificity** Detects an epitope in the globular domain (aa 104 - 244) of human Adiponectin. In ELISAs, this antibody shows no cross-reactivity or interference with recombinant mouse (rm) Adiponectin or rh6Ckine.

**Source** Monoclonal Mouse IgG2B Clone # 166126

**Purification** Protein A or G purified from hybridoma culture supernatant

**Immunogen** Mouse myeloma cell line NS0-derived recombinant human Adiponectin Glu19-Asn244 Accession # Q15848

**Formulation** Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

*Small pack size (SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

**APPLICATIONS**

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

**Human Adiponectin/Acrp30 Sandwich Immunoassay**

<table>
<thead>
<tr>
<th>Reagent</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA Capture</td>
<td>MAB10651</td>
</tr>
<tr>
<td>ELISA Detection</td>
<td>BAM1065</td>
</tr>
<tr>
<td>Standard</td>
<td>1065-AP</td>
</tr>
</tbody>
</table>

**PREPARATION AND STORAGE**

**Reconstitution** Reconstitute at 0.5 mg/mL in sterile PBS.

**Shipping** The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

**Stability & Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

**BACKGROUND**

Adiponectin, also known as Adipocyte Complement-Related Protein of 30 kDa (Acrp30), is secreted from adipocytes and has been implicated in energy homeostasis and obesity.