

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects the globular domain of human Adiponectin/Acrp30 in direct ELISAs. In direct ELISAs, no show cross-reactivity with recombinant mouse Acrp30 or recombinant rat Acrp30 is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # 166128
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human Adiponectin Glu19-Asn244 Accession # Q15848
<b>Formulation</b>	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.

<b>Direct ELISA</b>	This antibody can be used at 0.5-1.0 µg/mL with the appropriate secondary reagents to detect human Adiponectin/Acrp30. The detection limit for recombinant human Adiponectin is approximately 3 ng/well.
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## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	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
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## 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.