Overview

Product name: Anti-Activin B antibody [146807]

Description: Mouse monoclonal [146807] to Activin B

Host species: Mouse

Tested applications: Suitable for: Indirect ELISA, WB

Species reactivity: Reacts with: Human

Immunogen: Recombinant full length protein corresponding to Human Activin B. Purified, CHO cell-derived, recombinant human Activin B.

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Storage buffer: Constituents: PBS, 5% Trehalose

Purity: Protein G purified

Purification notes: Purified immunoglobulin, lyophilized from a 0.2µm filtered solution

Clonality: Monoclonal

Clone number: 146807

Isotype: IgG1

Applications

Our Abpromise guarantee covers the use of ab49696 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect ELISA</td>
<td></td>
<td>Use a concentration of 0.5 - 1 µg/ml.</td>
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<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 45 kDa.</td>
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</tbody>
</table>
Function: Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins. Similarity: Belongs to the TGF-beta family. Activin B is a homodimer of beta-B.

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