Product datasheet

Anti-Activin A antibody [MM0074-7L18] ab89307

★★★★☆ 3 Abreviews  3 References  1 图像

概述

产品名称 Anti-Activin A抗体[MM0074-7L18]
描述 小鼠单克隆抗体[MM0074-7L18] to Activin A
宿主 Mouse
特异性 Detects both pro- and mature Activin A.
经测试应用 适用于: WB, Neutralising
种属反应性 与反应: Rat, Human
免疫原 Recombinant full length protein corresponding to Human Activin A. Human recombinant Pro-
Activin-A
Database link: P08476

性能

形式 Liquid
存放说明 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液 Constituent: PBS
纯度 Protein G purified
克隆 单克隆
克隆编号 MM0074-7L18
同种型 IgG1

应用

Our Abpromise guarantee covers the use of ab89307 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>应用</th>
<th>Ab评论</th>
<th>说明</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>★★★☆☆</td>
<td>1/500 - 1/1000. Predicted molecular weight: 56 kDa.</td>
</tr>
</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.

### Sequence Similarity

Belongs to the TGF-beta family.

### Cellular Localization

Secreted.

### Form

Activin A is a homodimer of beta-A.

### Neutalising

Use at an assay dependent dilution. (1) Activin A can induce hemoglobin expression in the K562 human chronic myelogenous leukemia cell line. (2) Anti-Activin antibody can neutralize Activin A induced hemoglobin expression in a dose dependent manner. ED 50 is approximately between 30-60ng/mL in the presence of 5ng/mL Recombinant Human Activin A.

### Target

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### Picture

**Western blot - Anti-Activin A antibody [MM0074-7L18] (ab89307)**

This image is courtesy of an abreview submitted by Ruma Raha-Chowdhury, University Of Cambridge, United Kingdom.

**All lanes**: Anti-Activin A antibody [MM0074-7L18] (ab89307) at 1 µg/ml

**Lane 1**: Embryonic Day 18 Liver
**Lane 2**: Embryonic Day 18 Muscles
**Lane 3**: Embryonic Day 18 Cortex (Negative Control)

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size**: 56 kDa

**Exposure time**: 2 minutes

**Please note**: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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