# Anti-Interferon alpha 2b antibody [9D3] ab9386

## Overview

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Anti-Interferon alpha 2b antibody [9D3]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Mouse monoclonal [9D3] to Interferon alpha 2b</td>
</tr>
<tr>
<td><strong>Host species</strong></td>
<td>Mouse</td>
</tr>
<tr>
<td><strong>Tested applications</strong></td>
<td>Suitable for: Sandwich ELISA, Neutralising</td>
</tr>
<tr>
<td><strong>Species reactivity</strong></td>
<td>Reacts with: Human</td>
</tr>
<tr>
<td><strong>Immunogen</strong></td>
<td>Recombinant full length protein corresponding to Human Interferon alpha 2b. Database link: P01563</td>
</tr>
</tbody>
</table>

**Positive control**

- Purchase matching WB positive control: [Recombinant Human Interferon alpha 2b protein](#)

**General notes**

- WB: Human interferon-alpha 2b.
- This product was changed from ascites to tissue culture supernatant on 28/11/2017. Lot numbers higher than GR314306-1 will be from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

## Properties

<table>
<thead>
<tr>
<th><strong>Form</strong></th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Storage instructions</strong></td>
<td>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.</td>
</tr>
<tr>
<td><strong>Storage buffer</strong></td>
<td>pH: 7.2</td>
</tr>
<tr>
<td></td>
<td>Preservative: 0.1% Sodium azide</td>
</tr>
<tr>
<td></td>
<td>Constituent: PBS</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>Protein A purified</td>
</tr>
</tbody>
</table>
Clonality  
Monoclonal

Clone number  
9D3

Myeloma  
NS0/1

Isotype  
IgG1

Applications

The Abpromise guarantee  
Our Abpromise guarantee covers the use of ab9386 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>Sandwich ELISA</td>
<td></td>
<td>Use at an assay dependent concentration. This antibody can be used in a sandwich ELISA for the determination of human IFN-a2b. It recognizes different epitopes than anti-interferon alpha 2b antibody [4E10] (HRP) (ab5258). We recommend using this antibody as a capture antibody and ab5258 as a detection antibody.</td>
</tr>
<tr>
<td>Neutralising</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
</tr>
</tbody>
</table>

Target

Function  
Produced by macrophages, IFN-alpha have antiviral activities.

Sequence similarities  
Belongs to the alpha/beta interferon family.

Cellular localization  
Secreted.

Images

Standard curve for the determination of human interferon-alpha 2b by two-epitope ELISA: capture antibody 9D3 (ab9386), peroxidase-labeled antibody 4E10 (ab9388).

Neutralising - Anti-Interferon alpha 2b antibody [9D3] (ab9386)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

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