## Product datasheet

### Anti-Mycobacterium tuberculosis Ag85 antibody ab36731

<table>
<thead>
<tr>
<th>Application</th>
<th>適用あり: ELISA, WB</th>
</tr>
</thead>
<tbody>
<tr>
<td>製品の状態</td>
<td>Liquid</td>
</tr>
<tr>
<td>保存方法</td>
<td>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.</td>
</tr>
<tr>
<td>バッファー</td>
<td>pH: 7.40&lt;br&gt;Preservative: 0.097% Sodium azide&lt;br&gt;Constituents: 2.9% Sodium chloride, 0.0268% PBS</td>
</tr>
<tr>
<td>精製度</td>
<td>Protein G purified</td>
</tr>
<tr>
<td>ポリモノ</td>
<td>Monoclonal</td>
</tr>
<tr>
<td>ミエローマ</td>
<td>x63-Ag8.653</td>
</tr>
<tr>
<td>アイソタイプ</td>
<td>IgG1</td>
</tr>
<tr>
<td>軽鎖の種類</td>
<td>kappa</td>
</tr>
</tbody>
</table>

### 製品の詳細

- **製品名**: Anti-Mycobacterium tuberculosis Ag85 antibody
- **製品の詳細**: Mouse monoclonal to Mycobacterium tuberculosis Ag85
- **由来種**: Mouse
- **特異性**: This antibody is specific for Mycobacterium mycolyltransferase. Reacts with M. tuberculosis Ag85C and M. smegmatis Ag85 homolog protein. No cross-reactivity to antigens from *Listeria monocytogenes* or *Escherichia coli*.

### アプリケーション

- 適用あり: ELISA, WB
- **種交差性**: 交差種: Other species<br>非交差種: Escherichia coli
- **免疫原**: Bacterial press extract from Mycobacterium tuberculosis H37Rv
- **エピトープ**: Epitope is lacking in PPD (tuberculin purified protein derivative, derived from culture filtrate, heat treated and precipitated with trichloroacetic acid).
- **特記事項**: WHO no. IT-49
Mycobacterium tuberculosis antigen 85 is a complex of three related gene products of 30-31 kDa, Ag85A, B and C. All three proteins show fibronectin binding properties and act as mycolyltransferases involved in the final stages of mycobacterial cell wall assembly.

Our Abpromise guarantee covers the use of ab36731 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>アプリケーション</th>
<th>Abviews</th>
<th>特記事項</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td>1/400. Cell culture filtrate or whole cells directly coated onto microtitre wells can be used.</td>
<td></td>
</tr>
<tr>
<td>WB</td>
<td>Use at an assay dependent dilution. Predicted molecular weight: 18,31,39 kDa.</td>
<td></td>
</tr>
</tbody>
</table>

ターゲット情報

関連性

Mycobacterium tuberculosis antigen 85 is a complex of three related gene products of 30-31 kDa, Ag85A, B and C. All three proteins show fibronectin binding properties and act as mycolyltransferases involved in the final stages of mycobacterial cell wall assembly.

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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