## Overview

<table>
<thead>
<tr>
<th>Quantity</th>
<th>200 μg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>GRP94 (HSP90B1)</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Human</td>
</tr>
<tr>
<td>Host</td>
<td>Mouse</td>
</tr>
<tr>
<td>Clonality</td>
<td>Monoclonal</td>
</tr>
<tr>
<td>Conjugate</td>
<td>This GRP94 antibody is un-conjugated</td>
</tr>
<tr>
<td>Application</td>
<td>Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), ELISA</td>
</tr>
</tbody>
</table>

## Product Details

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Mouse monoclonal antibody raised against recombinant HSP90B1.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunogen</td>
<td>Recombinant protein corresponding to human HSP90B1.</td>
</tr>
<tr>
<td>Clone</td>
<td>H9010</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG2a</td>
</tr>
<tr>
<td>Specificity</td>
<td>Detects 90KDa proteins corresponding to the molecular mass of Hsp90beta. Identical to human (Beta-Specific), rabbit (Beta-Specific), chicken (Alpha/Beta).</td>
</tr>
<tr>
<td>Cross-Reactivity</td>
<td>Chicken, Human, Rabbit</td>
</tr>
</tbody>
</table>

## Target Details

| Target            | GRP94 (HSP90B1) |
Target Details

Alternative Name: HSP90B1 (HSP90B1 Products)

Background:
Full Gene Name: heat shock protein 90 kDa beta (Grp94), member 1
Synonyms: ECGP, GRP96, GRP94, TRA1

Gene ID: 7184

Pathways:
Thyroid Hormone Synthesis, Activation of Innate immune Response, ER-Nucleus Signaling, Toll-Like Receptors Cascades

Application Details

Application Notes:
Western Blot (1 μg/mL)
The optimal working dilution should be determined by the end user.

Restrictions:
For Research Use only

Handling

Format: Liquid

Buffer:
In PBS, pH 7.2 (50 % glycerol, 0.09 % sodium azide)

Preservative:
Sodium azide

Precaution of Use:
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:
-20 °C

Storage Comment:
Store at -20°C.
Aliquot to avoid repeated freezing and thawing.
Images

**Immunohistochemistry**

**Image 1.** Immunohistochemical staining of human colon cancer with HSP90B1 monoclonal antibody, clone H9010 at 100,000 fold dilution.

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**Immunofluorescence**

**Image 2.** Immunofluorescence staining of mouse colon (A) and human colon cancer (B) with HSP90B1 monoclonal antibody, clone H9010 at 100,000 fold dilution.

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**Western Blotting**

**Image 3.** Western blot analysis of heat shock HeLa lysate with HSP90B1 monoclonal antibody, clone H9010.

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Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5580183.