# Anti-Retinoic Acid Receptor alpha Rabbit Monoclonal Antibody

## Catalog Number: M00392

### Overview

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Anti-Retinoic Acid Receptor alpha Rabbit Monoclonal Antibody</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactive Species</td>
<td>Human, Mouse</td>
</tr>
<tr>
<td>Description</td>
<td>Anti-Retinoic Acid Receptor alpha Rabbit Monoclonal Antibody tested for Flow Cytometry, WB in Human, Mouse</td>
</tr>
<tr>
<td>Conjugate</td>
<td>No</td>
</tr>
<tr>
<td>Application</td>
<td>WB</td>
</tr>
<tr>
<td>Clonality</td>
<td>Monoclonal GBC-18</td>
</tr>
<tr>
<td>Formulation</td>
<td>Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.</td>
</tr>
<tr>
<td>Storage Instructions</td>
<td>At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.</td>
</tr>
<tr>
<td>Host</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Uniprot ID</td>
<td>P10276</td>
</tr>
</tbody>
</table>

### Technical Details

| Immunogen | A synthesized peptide derived from human Retinoic Acid Receptor alpha |
| Form | Liquid |
| Concentration | 0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure. |
| Purification | Affinity-chromatography |
| Suggested Dilutions | WB 1:500-1:1000  
Flow Cytometry 1:50 |

For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/
Western blot analysis of Retinoic Acid Receptor alpha expression in MCF-7 cell lysate (M00392). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.

After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-RARA monoclonal antibody (Catalog # M00392) overnight at 4℃, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for RARA.

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