# GENERAL INFORMATION

<table>
<thead>
<tr>
<th><strong>Immunogen:</strong></th>
<th>Recombinant Human TNF-alpha / TNFa / TNFSF2 protein (Catalog#10602-HNAE)</th>
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</thead>
<tbody>
<tr>
<td><strong>Preparation:</strong></td>
<td>Produced in rabbits immunized with purified, recombinant Human TNF-alpha / TNFa / TNFSF2 (rh TNF-alpha / TNFa / TNFSF2; Catalog#10602-HNAE; NP_000585.2; Val77-Leu233). TNF-alpha / TNFa / TNFSF2 specific IgG was purified by Human TNF-alpha / TNFa / TNFSF2 affinity chromatography.</td>
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<tr>
<td><strong>Ig Type:</strong></td>
<td>Rabbit IgG</td>
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<tr>
<td><strong>Specificity:</strong></td>
<td>Human TNF-alpha / TNFa / TNFSF2</td>
</tr>
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<td><strong>Formulation:</strong></td>
<td>0.2 μm filtered solution in PBS</td>
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<tr>
<td><strong>Storage:</strong></td>
<td>This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.</td>
</tr>
</tbody>
</table>

# APPLICATIONS

| **Applications:** | WB, ELISA, IP |

# RECOMMENDED CONCENTRATION

| **Western Blot** | WB: 1:500-1:2000 |
| **Immunoprecipitation** | IP: 1-4 μL/mg of lysate |
| **ELISA** | ELISA: 1:5000-1:10000 
This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human TNF-alpha / TNFa / TNFSF2. |

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*
Anti-TNF-alpha rabbit polyclonal antibody at 1:500 dilution  
Lane A: HepG2 Whole Cell Lysate

Lysates/proteins at 30 μg per lane.  
Secondary  
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.  
Performed under reducing conditions.

Predicted band size: 25 kDa  
Observed band size: 27 kDa  

TNFa was immunoprecipitated using:  
Lane A: 0.5 mg Hela Whole Cell Lysate  
Lane B: 0.5 mg HepG2 Whole Cell Lysate  
Lane C: 0.5 mg SW480 Whole Cell Lysate

2 μL anti-TNFa rabbit polyclonal antibody and 15 μl of 50 % Protein G agarose.

Primary antibody:  
Anti-TNFa rabbit polyclonal antibody, at 1:200 dilution

Secondary antibody:  
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odyssey technique.  
Performed under reducing conditions.

Predicted band size: 23 kDa  
Observed band size: 33 kDa