## GENERAL INFORMATION

<table>
<thead>
<tr>
<th><strong>Immunogen:</strong></th>
<th>Recombinant Canine TGF-beta 1 / TGFB1 protein (Catalog#70087-D08H)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preparation</strong></td>
<td>Produced in rabbits immunized with purified, recombinant Canine TGF-beta 1 / TGFB1 (Catalog#70087-D08H; Met1-Ser390). TGF-beta 1 / TGFB1 specific IgG was purified by Canine TGF-beta 1 / TGFB1 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>Canine TGF-beta 1 / TGFB1</td>
</tr>
<tr>
<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°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. 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: 1:500-1:1000 |
| **Immunoprecipitation** | IP: 0.2-1 μL/mg of lysate |
| **ELISA** | ELISA: 1:25000-1:50000 This antibody can be used at 1:25000-1:50000 with the appropriate secondary reagents to detect Canine TGF-beta 1 / TGFB1. |

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*

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Anti-TGFβ1 rabbit polyclonal antibody at 1:500 dilution
Lane A: k562 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: 44 kDa
Observed band size: 48 kDa
(We are unsure as to the identity of these extra bands.)

canine TGFβ1 was immunoprecipitated using:
Lane A: 0.5 mg K562 Whole Cell Lysate

0.5 μL anti-canine TGFβ1 rabbit polyclonal antibody and 15 μl of 50 % Protein G agarose.

Primary antibody:
Anti-canine TGFβ1 rabbit polyclonal antibody, at 1:500 dilution

Secondary antibody:
Clean-Blot® IP Detection Reagent (HRP) at 1:1000 dilution

Developed using the DAB staining technique.
Performed under reducing conditions.

Predicted band size: 48 kDa
Observed band size: 48 kDa