**GM-CSF Polyclonal ANTIBODY**

**Catalog Number:** 17762-1-AP

### Basic Information

<table>
<thead>
<tr>
<th>Catalog Number:</th>
<th>17762-1-AP</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size:</strong></td>
<td>35 μg/150 μl</td>
</tr>
<tr>
<td><strong>Source:</strong></td>
<td>Rabbit</td>
</tr>
<tr>
<td><strong>Isotype:</strong></td>
<td>IgG</td>
</tr>
<tr>
<td><strong>Purification Method:</strong></td>
<td>Antigen affinity purification</td>
</tr>
</tbody>
</table>

**Immunogen Catalog Number:** AG12142

**GenBank Accession Number:** BC108754

**GeneID (NCBI):** 1437

**Full Name:** colony stimulating factor 2 (granulocyte-macrophage)

**Calculated MW:** 144aa, 16 kDa

**Observed MW:** 22 kDa

### Applications

**Tested Applications:** IHC, WB, ELISA

**Cited Applications:** IHC, WB

**Species Specificity:** human, mouse

**Cited Species:** human, rat

**Note:** suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

### Positive Controls:

**WB:** RAW 264.7 cells; RAW264.7 cells

**IHC:** human lung tissue, human kidney tissue, human spleen tissue, human ovary tissue, human colon tissue, human tonsillitis tissue, human placenta tissue

### Background Information

### Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yi Wang</td>
<td>30463971</td>
<td>J Virol</td>
<td>WB, IHC</td>
</tr>
<tr>
<td>Haotian Wang</td>
<td>30922919</td>
<td>Cancer Lett</td>
<td>WB, IHC</td>
</tr>
<tr>
<td>Lian Li</td>
<td>28802587</td>
<td>Transpl Immunol</td>
<td></td>
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</tbody>
</table>

### Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

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For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 405-8498 (outside USA)

E: proteintech@ptglab.com

W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17762-1-AP (GM-CSF antibody) at dilution of 1:200 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer.

Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17762-1-AP (GM-CSF antibody) at dilution of 1:200 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer.

Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 17762-1-AP (GM-CSF antibody) at dilution of 1:200 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer.

RAW264.7 cells were subjected to SDS-PAGE followed by western blot with 17762-1-AP (GM-CSF antibody) at dilution of 1:200 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer.