**Basic Information**

Catalog Number: 15252-1-AP  
Size: 150μl, Concentration: 650 μg/ml by Nanodrop and 300 μg/ml by Bradford method using BSA as the standard  
Source: Rabbit  
Isotype: IgG  
Immunogen Catalog Number: AG6828

GenBank Accession Number: BC000304  
GeneID (NCBI): 10916  
Full Name: melanoma antigen family D, 2

**Calculated MW:** 65 kDa  
**Observed MW:** 65 kDa

**Purification Method:** Antigen affinity purification  
**Recommended Dilutions:**  
- WB: 1:1000-1:4000
- IP: 0.5-4.0 μg for IP and 1:500-1:2000 for WB
- IHC: 1:50-1:500
- IF: 1:50-1:500

**Applications**

**Tested Applications:** IF, IHC, IP, WB, ELISA  
**Cited Applications:** IF, IHC, IP, WB

**Species Specificity:** human, mouse, rat  
**Cited Species:** human, mouse

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

**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**

*** 20μl sizes contain 0.1% BSA

**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>Ewan K S McRae</td>
<td>31653714</td>
<td>RNA</td>
<td>WB</td>
</tr>
<tr>
<td>Charlotte Trussart</td>
<td>29371029</td>
<td>Biochem Pharmacol</td>
<td>WB</td>
</tr>
<tr>
<td>Céline Pirlot</td>
<td>26705694</td>
<td>Biochim Biophys Acta</td>
<td>WB, IJF</td>
</tr>
</tbody>
</table>

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) 455-8498 (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.
Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 15252-1-AP (MAGED2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.


Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using MAGED2 antibody (15252-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), F-actin was stained using CoraLite®594-phalloidin (red) and DNA was stained by DAPI (blue).