

Datasheet for ABIN906477

## **anti-IMMT antibody (AA 241-340) (AbBy Fluor® 647)**



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### Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | IMMT                                                                                                                           |
| Binding Specificity: | AA 241-340                                                                                                                     |
| Reactivity:          | Human, Mouse, Rat                                                                                                              |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This IMMT antibody is conjugated to AbBy Fluor® 647                                                                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |                                                               |
|-----------------------|---------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Mitofilin |
| Isotype:              | IgG                                                           |
| Cross-Reactivity:     | Human, Mouse, Rat                                             |
| Predicted Reactivity: | Dog,Cow                                                       |
| Purification:         | Purified by Protein A.                                        |

### Target Details

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Target:           | IMMT                                             |
| Alternative Name: | Mitofilin/Immt ( <a href="#">IMMT Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: HMP, P87, P89, PIG4, Mic60, PIG52, MINOS2, P87/89, MICOS complex subunit MIC60, Cell proliferation-inducing gene 4/52 protein, Mitochondrial inner membrane protein, Mitofilin, IMMT</p> <p>Background: Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed:22114354, PubMed:25781180).</p> |
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|          |       |
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| Gene ID: | 10989 |
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|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q16891</a> |
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## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
|--------------------|--------------------------------------------------------------|

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

|                |         |
|----------------|---------|
| Concentration: | 1 µg/µL |
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|         |                                                                                                             |
|---------|-------------------------------------------------------------------------------------------------------------|
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
|---------|-------------------------------------------------------------------------------------------------------------|

|               |         |
|---------------|---------|
| Preservative: | ProClin |
|---------------|---------|

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
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|          |        |
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| Storage: | -20 °C |
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|                  |                                                                                   |
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| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
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|              |           |
|--------------|-----------|
| Expiry Date: | 12 months |
|--------------|-----------|