

Datasheet for ABIN885272

## anti-GDF2 antibody (AA 351-429) (Cy5.5)



[Go to Product page](#)

### Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | GDF2                                                                                                                           |
| Binding Specificity: | AA 351-429                                                                                                                     |
| Reactivity:          | Human, Mouse, Rat                                                                                                              |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This GDF2 antibody is conjugated to Cy5.5                                                                                      |
| 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 BMP9 |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Human, Mouse, Rat                                        |
| Predicted Reactivity: | Rabbit                                                   |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | GDF2                                   |
| Alternative Name: | BMP9 ( <a href="#">GDF2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: BMP9, HHT5, BMP-9, Growth/differentiation factor 2, GDF-2, Bone morphogenetic protein 9, GDF2<br>Background: Potent circulating inhibitor of angiogenesis. Could be involved in bone formation.<br>Signals through the type I activin receptor ACVRL1 but not other Alks. Signaling through SMAD1 in endothelial cells requires TGF-beta coreceptor endoglin/ENG. |
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|          |      |
|----------|------|
| Gene ID: | 2658 |
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|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q9UK05</a> |
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|           |                                                  |
|-----------|--------------------------------------------------|
| Pathways: | <a href="#">Transition Metal Ion Homeostasis</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. |
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|               |         |
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| 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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|          |        |
|----------|--------|
| Storage: | -20 °C |
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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 |
|--------------|-----------|