

Datasheet for ABIN705691

**anti-BMPR2 antibody (AA 921-1038) (Cy5.5)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | BMPR2                                                                                                                          |
| Binding Specificity: | AA 921-1038                                                                                                                    |
| Reactivity:          | Human, Mouse                                                                                                                   |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This BMPR2 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 BMPR2 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Human, Mouse                                              |
| Predicted Reactivity: | Rat,Cow,Pig,Horse,Chicken,Rabbit                          |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | BMPR2                                    |
| Alternative Name: | BMPR2 ( <a href="#">BMPR2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Background: | <p>Synonyms: BMR2, PPH1, BMPR3, BRK-3, POVD1, T-ALK, BMPR-II, Bone morphogenetic protein receptor type-2, BMP type-2 receptor, BMPR-2, Bone morphogenetic protein receptor type II, BMP type II receptor, BMPR2</p> <p>Background: On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators.</p> <p>Binds to BMP-7, BMP-2 and, less efficiently, BMP-4. Binding is weak but enhanced by the presence of type I receptors for BMPs.</p> |
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| Gene ID: | 659 |
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|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q13873</a> |
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|           |                                       |
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| Pathways: | <a href="#">Growth Factor Binding</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 |
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|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

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