

Datasheet for ABIN687552

**anti-BMPR1A antibody (AA 101-200) (Cy5.5)**[Go to Product page](#)

## Overview

|                      |                                              |
|----------------------|----------------------------------------------|
| Quantity:            | 100 µL                                       |
| Target:              | BMPR1A                                       |
| Binding Specificity: | AA 101-200                                   |
| Reactivity:          | Mouse, Rat                                   |
| Host:                | Rabbit                                       |
| Clonality:           | Polyclonal                                   |
| Conjugate:           | This BMPR1A antibody is conjugated to Cy5.5  |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS) |

## Product Details

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human BMPR-1A |
| Isotype:              | IgG                                                         |
| Cross-Reactivity:     | Mouse, Rat                                                  |
| Predicted Reactivity: | Human                                                       |
| Purification:         | Purified by Protein A.                                      |

## Target Details

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Target:           | BMPR1A                                                                              |
| Alternative Name: | Bmpr1a ( <a href="#">BMPR1A Products</a> )                                          |
| Background:       | Synonyms: ALK3, SKR5, CD292, ACVRLK3, 10q23del, Bone morphogenetic protein receptor |

## Target Details

type-1A, BMP type-1A receptor, BMPR-1A, Activin receptor-like kinase 3, ALK-3, Serine/threonine-protein kinase receptor R5, BMPR1A

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.

Receptor for BMP-2 and BMP-4.

|           |                                       |
|-----------|---------------------------------------|
| Gene ID:  | 657                                   |
| UniProt:  | <a href="#">P36894</a>                |
| Pathways: | <a href="#">Stem Cell Maintenance</a> |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | FCM 1:20-100          |
| Restrictions:      | For Research Use only |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| 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. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |