

# OPRD1 rabbit monoclonal antibody

Catalog # H00004985-K

Size 100 ug x up to 3

## Specification

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit monoclonal antibody raised against a human OPRD1 peptide using ARM Technology.                                                                                                                                                                                        |
| Immunogen               | A synthetic peptide of human OPRD1 is used for rabbit immunization.<br>Customer or Abnova will decide on the preferred peptide sequence.                                                                                                                                     |
| Host                    | Rabbit                                                                                                                                                                                                                                                                       |
| Library Construction    | Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).                                                                                                                                                                                           |
| Expression              | Overexpression vector and transfection into 293H cell line.                                                                                                                                                                                                                  |
| Reactivity              | Human                                                                                                                                                                                                                                                                        |
| Purification            | Protein A                                                                                                                                                                                                                                                                    |
| Isotype                 | IgG                                                                                                                                                                                                                                                                          |
| Quality Control Testing | Antibody reactive against human OPRD1 peptide by ELISA and mammalian transfected lysate by Western Blot.                                                                                                                                                                     |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                            |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                     |
| Deliverable             | Up to three rabbit IgG clones of 100 ug each will be delivered to customer.                                                                                                                                                                                                  |
| Note                    | 1. Customer may provide cell or tissue lysate for antibody screening.<br>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — OPRD1

|                     |                           |
|---------------------|---------------------------|
| Entrez GeneID       | <a href="#">4985</a>      |
| GeneBank Accession# | <a href="#">OPRD1</a>     |
| Gene Name           | OPRD1                     |
| Gene Alias          | OPRD                      |
| Gene Description    | opioid receptor, delta 1  |
| Omim ID             | <a href="#">165195</a>    |
| Gene Ontology       | <a href="#">Hyperlink</a> |
| Gene Summary        | O                         |
| Other Designations  | OTTHUMP00000003778        |

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cocaine-Related Disorders](#)
- [Disease Models](#)

- [Genetic Predisposition to Disease](#)
- [Heroin Dependence](#)
- [Lung Neoplasms](#)
- [Mental Disorders](#)
- [NARP](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Pain Threshold](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Psychoses](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Substance-Related Disorders](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)