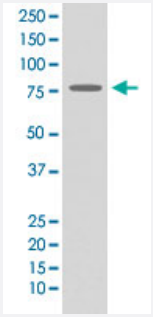
# ADRBK1 monoclonal antibody, clone EGE-1

Catalog # MAB20106 Size 100 uL

## Applications




### Western Blot (Cell lysate)

Western Blot analysis of THP-1 cell lysate with ADRBK1 monoclonal antibody, clone EGE-1 (Cat # MAB20106).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human ADRBK1. |
| **Immunogen** | A synthetic peptide corresponding to human ADRBK1. |
| **Host** | Rabbit |
| **Theoretical MW (kDa)** | 79.574 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunohistochemistry (1:50-1:200)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |

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|---|---|
| **Storage Instruction** | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry
- Western Blot (Cell lysate)

  Western Blot analysis of THP-1 cell lysate with ADRBK1 monoclonal antibody, clone EGE-1 (Cat # MAB20106).

## Gene Info — ADRBK1

| | |
|---|---|
| **Entrez GeneID** | 156 |
| **Protein Accession#** | P25098 |
| **Gene Name** | ADRBK1 |
| **Gene Alias** | BARK1, BETA-ARK1, FLJ16718, GRK2 |
| **Gene Description** | adrenergic, beta, receptor kinase 1 |
| **Omim ID** | 109635 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. This protein is an ubiqui tous cytosolic enzyme that specifically phosphorylates the activated form of the beta-adrenergic a nd related G-protein-coupled receptors. Abnormal coupling of beta-adrenergic receptor to G prot ein is involved in the pathogenesis of the failing heart. [provided by RefSeq |
| **Other Designations** | beta adrenergic receptor kinase 1 |

## Pathway

- Chemokine signaling pathway
- Endocytosis

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## Disease

- Anorexia Nervosa
- Bulimia
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease

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