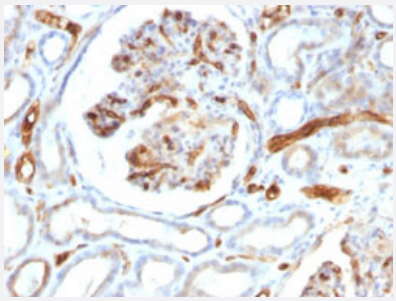
# ADIPOQ monoclonal antibody, clone ADPN/1370

Catalog # MAB15059 Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with ADIPOQ monoclonal antibody, clone ADPN/1370 (Cat # MAB15059).

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against partial recombinant human ADIPOQ. |
| **Immunogen** | Recombinant protein corresponding to human ADIPOQ. |
| **Host** | Mouse |
| **Theoretical MW (kDa)** | 26-30 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Protein A/G purification |
| **Isotype** | IgG2b |
| **Recommend Usage** | ELISA<br>Flow Cytometry (0.5-1 ug/$10^6$ cells)<br>Immunofluorescence (1-2 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 10 mM PBS. |

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| | |
|---|---|
| **Storage Instruction** | Store at -20 to -80°C.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with ADIPOQ monoclonal antibody, clone ADPN/1370 (Cat # MAB15059).

- Immunofluorescence
- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ADIPOQ

| | |
|---|---|
| **Entrez GeneID** | 9370 |
| **Protein Accession#** | Q15848 |
| **Gene Name** | ADIPOQ |
| **Gene Alias** | ACDC, ACRP30, ADPN, APM-1, APM1, GBP28, adiponectin |
| **Gene Description** | adiponectin, C1Q and collagen domain containing |
| **Omim ID** | 605441 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene is expressed in adipose tissue exclusively. It encodes a protein with similarity to collag ens X and VIII and complement factor C1q. The encoded protein circulates in the plasma and is in volved with metabolic and hormonal processes. [provided by RefSeq |
| **Other Designations** | adipocyte, C1Q and collagen domain containing\|adipocyte, C1Q and collagen domain-containing \|adiponectin\|adipose most abundant gene transcript 1\|gelatin-binding protein 28 |

## Publication Reference

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- Adiponectin mediates an antiproliferative response in human MDA-MB 231 breast cancer cells.

  Dos Santos E, Benaitreau D, Dieudonne MN, Leneveu MC, Serazin V, Giudicelli Y, Pecquery R.

  Oncology Reports 2008 Oct; 20(4):971.

## Pathway

- Adipocytokine signaling pathway
- PPAR signaling pathway
- Type II diabetes mellitus

## Disease

- Acute Disease
- Adenocarcinoma
- Albuminuria
- Alzheimer disease
- Anorexia Nervosa
- Atherosclerosis
- Birth Weight
- Body Weight
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Calcinosis
- Carcinoma
- Cardiomyopathy
- Cardiovascular Diseases
- Carotid Artery Diseases

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- Cellulitis
- Cerebral Infarction
- Cerebrovascular Accident
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Coronary Stenosis
- Diabetes
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Angiopathies
- Diabetic Nephropathies
- Diabetic Neuropathies
- Diabetic Retinopathy
- Disease Progression
- Dyslipidemias
- Edema
- Esophageal Neoplasms
- Fatty Liver
- Genetic Predisposition to Disease
- Glomerulonephritis
- Glucose Intolerance
- Glucose Metabolism Disorders
- HIV Infections
- HIV-Associated Lipodystrophy Syndrome
- Hyperaldosteronism

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- Hyperandrogenism
- Hypercholesterolemia
- Hyperglycemia
- Hyperinsulinism
- Hyperlipidemias
- Hypertension
- Inflammation
- Insulin Resistance
- Intracranial Arteriosclerosis
- Ischemia
- Kidney Failure
- Liver Cirrhosis
- Lupus Erythematosus
- Lymphoma
- Metabolic Diseases
- Metabolic Syndrome X
- Multiple Organ Failure
- Myocardial Infarction
- Neoplasms
- Obesity
- Osteoporosis
- Ovarian Failure
- Overweight
- Pancreatitis
- Polycystic Ovary Syndrome
- Pre-Eclampsia

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- Pregnancy Complications
- Prostate cancer
- Prostatic Neoplasms
- Proteinuria
- Psychiatric Status Rating Scales
- Puberty
- Renal Insufficiency
- Schizophrenia
- Thinness
- Thrombophilia
- Tobacco Use Disorder
- Vascular Diseases
- Weight Gain
- Weight Loss
- Werner syndrome

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