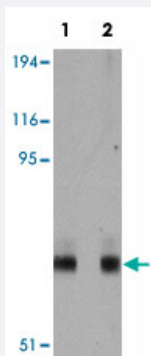


# IRAK1 monoclonal antibody, clone 8F1A7

Catalog # MAB10005

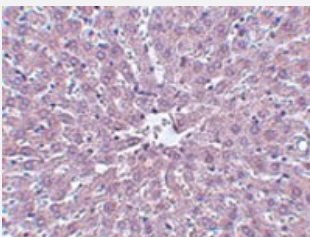
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of IRAK1 in mouse liver tissue lysate with IRAK1 monoclonal antibody, clone 8F1A7 (Cat # MAB10005) at (1) 1 and (2) 2 ug/mL.



### Immunohistochemistry

Immunohistochemistry of rat liver tissue with IRAK1 monoclonal antibody, clone 8F1A7 (Cat # MAB10005) at 5 ug/mL.

## Specification

### Product Description

Mouse monoclonal antibody raised against partial recombinant IRAK1.

### Immunogen

Recombinant protein corresponding to amino acids 618-712 of human IRAK1.

### Host

Mouse

### Reactivity

Human, Mouse

### Form

Liquid

### Purification

IgG purification

|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Recommend Usage</b>     | Western blot (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user.                          |
| <b>Storage Buffer</b>      | In PBS (0.02% sodium azide)                                                                                             |
| <b>Storage Instruction</b> | Store at 4°C for three months. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of IRAK1 in mouse liver tissue lysate with IRAK1 monoclonal antibody, clone 8F1A7 (Cat # MAB10005) at (1) 1 and (2) 2 ug/mL.

- Immunohistochemistry

Immunohistochemistry of rat liver tissue with IRAK1 monoclonal antibody, clone 8F1A7 (Cat # MAB10005) at 5 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — IRAK1

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">3654</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>          | IRAK1                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Alias</b>         | IRAK, pelle                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Description</b>   | interleukin-1 receptor-associated kinase 1                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Omim ID</b>            | <a href="#">300283</a>                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Summary</b>       | This gene encodes the interleukin-1 receptor-associated kinase 1, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. This gene is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq] |
| <b>Other Designations</b> | OTTHUMP00000026014 OTTHUMP00000026020 Pelle homolog                                                                                                                                                                                                                                                                                                                                                                              |

## Pathway

- [Apoptosis](#)
- [Neurotrophin signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

## Disease

- [Arthritis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Kidney Diseases](#)
- [Lupus Erythematosus](#)
- [Prostate cancer](#)

- [Prostatic Neoplasms](#)
- [Sepsis](#)
- [Shock](#)
- [Stroke](#)
- [Thyroid Neoplasms](#)
- [Translocation](#)
- [Werner syndrome](#)