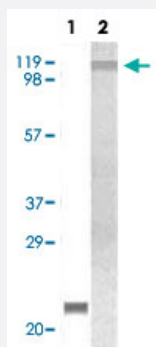


# TYK2 monoclonal antibody, clone 8G8B3

Catalog # MAB17865      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of Lane 1: TYK2 recombinant protein and Lane 2: Jurkat cell lysate with TYK2 monoclonal antibody, clone 8G8B3 (Cat # MAB17865).

## Specification

**Product Description** Mouse monoclonal antibody raised against recombinant human TYK2.

**Immunogen** Recombinant protein corresponding to human TYK2.

**Host** Mouse

**Reactivity** Human

**Form** Liquid

**Isotype** IgG1

**Recommend Usage** ELISA (1:10000)  
Western Blot (1:100-1:500)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In ascitic fluid (0.03% sodium azide).

**Storage Instruction** Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of Lane 1: TYK2 recombinant protein and Lane 2: Jurkat cell lysate with TYK2 monoclonal antibody, clone 8G8B3 (Cat # MAB17865).

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — TYK2

Entrez GeneID [7297](#)

Protein Accession# [P29597](#)

Gene Name TYK2

Gene Alias JTK1

Gene Description tyrosine kinase 2

Omim ID [176941](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E. [provided by RefSeq]

Other Designations -

## Pathway

- [Jak-STAT signaling pathway](#)

## Disease

- [Arthritis](#)
- [Asthma](#)
- [Birth Weight](#)
- [Bronchiolitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Lymphoproliferative Disorders](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Myelodysplastic Syndromes](#)
- [Neutropenia](#)
- [Ovarian Neoplasms](#)
- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)

- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)