

## Tyk 2 Mouse mAb

CatalogNo: YM0637

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- WB,ELISA

#### MW

- 134kD (Calculated)

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**ELISA 1:10000**

**Not yet tested in other applications.**

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Monoclonal

**Clone Number** 17A4

### Immunogen Information

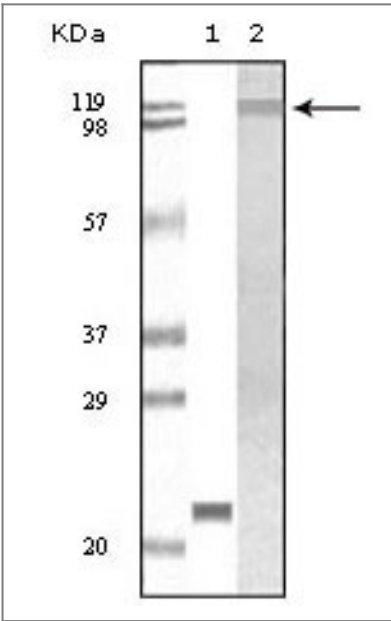
**Immunogen** Purified recombinant fragment of Tyk 2 expressed in E. Coli.

**Specificity** Tyk 2 Monoclonal Antibody detects endogenous levels of Tyk 2 protein.

### Target Information

Gene name	TYK2		
Protein Name	Non-receptor tyrosine-protein kinase TYK2		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">7297</a> ;	<a href="#">P29597</a> ;
	Mouse		<a href="#">Q9R117</a> ;
Cellular Localization	nucleus,cytoplasm,cytosol,cytoskeleton,membrane,extrinsic component of cytoplasmic side of plasma membrane,extracellular exosome,		
Tissue specificity	Observed in all cell lines analyzed. Expressed in a variety of lymphoid and non-lymphoid cell lines.		
Function	Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,Disease:Defects in TYK2 are the cause of protein-tyrosine kinase 2 deficiency (TYK2 deficiency) [MIM:611521]; also called autosomal recessive hyper-IgE syndrome (HIES) with atypical mycobacteriosis. The syndrome consists of a primary immunodeficiency characterized by recurrent skin abscesses, pneumonia, and highly elevated serum IgE.,Domain:The FERM domain mediates interaction with JAKMIP1.,Function:Probably involved in intracellular signal transduction by being involved in the initiation of type I IFN signaling. Phosphorylates the interferon-alpha/beta receptor alpha chain.,online information:TYK2 mutation db,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. JAK subfamily.,similarity:Contains 1 FERM domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,subunit:Interacts with JAKMIP1.,tissue specificity:Observed in all cell lines analyzed. Expressed in a variety of lymphoid and non-lymphoid cell lines.,		

Validation Data



Western Blot analysis using Tyk 2 Monoclonal Antibody against truncated TYK2 recombinant protein (1) and Jurkat cell lysate(2).

## | Contact information

Orders: order.cn@immunoway.com  
Support: support.cn@immunoway.com  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code  
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product information:

**Tyk 2 Mouse mAb**

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