

## Tyk 2 (Phospho Tyr292) Rabbit pAb

CatalogNo: YP1618

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA

#### MW

- 130kD (Observed)

#### Isotype

- IgG

### 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.

### Recommended Dilution Ratios

**WB 1:1000-2000**

**ELISA 1:5000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human Tyk 2 (Phospho Tyr292)

**Specificity** This antibody detects endogenous levels of Human Tyk 2 (Phospho Tyr292)

### Target Information

**Gene name** TYK2

**Protein Name** Tyk 2 (Phospho Tyr292)

Organism	Gene ID	UniProt ID
Human	<a href="#">7297</a> ;	<a href="#">P29597</a> ;
Mouse		<a href="#">Q9R117</a> ;

**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.,

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## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**Tyk 2 (Phospho Tyr292) Rabbit pAb**

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