

## 非受体酪氨酸蛋白激酶 2 抗体

产品货号： mlR6662

英文名称： TYK2

中文名称： 非受体酪氨酸蛋白激酶 2 抗体

别名： JTK 1; JTK1; Non receptor tyrosine protein kinase 2; Non receptor tyrosine protein kinase TYK2; Non-receptor tyrosine-protein kinase TYK2; Protein Tyrosine Kinase 2; TYK 2; Tyk2; TYK2\_HUMAN; Tyrosine kinase 2.

研究领域： 细胞生物 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Sheep, Guinea Pig,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-F=1:400-800 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：134kDa

细胞定位：细胞核 细胞浆 细胞外基质

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human TYK2:401-500/1178

亚型：IgG

纯化方法：affinity purified by Protein A

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed：PubMed

产品介绍 background:

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].

**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.

**Subunit:**

Interacts with JAKMIP1.

**Tissue Specificity:**

Observed in all cell lines analyzed. Expressed in a variety of lymphoid and non-lymphoid cell lines.

**DISEASE:**

Defects in TYK2 are the cause of protein-tyrosine kinase 2 deficiency (TYK2 deficiency) [MIM:611521]; also known as autosomal recessive hyper-IgE syndrome (HIES) with atypical mycobacteriosis. TYK2 deficiency consists of a primary immunodeficiency characterized by recurrent skin abscesses, pneumonia, and highly elevated serum IgE.

**Similarity:**

Belongs to the protein kinase superfamily. Tyr protein kinase family. JAK subfamily.

Contains 1 FERM domain.

Contains 2 protein kinase domains.

Contains 1 SH2 domain.

**SWISS:**

P29597

**Gene ID:**

7297

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片：

