

# Anti-JAK3 (phospho Y785) antibody ab61102

## 5 References

### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-JAK3 (phospho Y785)抗体  |
| 描述    | 兔多克隆抗体to JAK3 (phospho Y785)  |
| 宿主    | Rabbit  |
| 经测试应用 | 适用于: ELISA  |
| 种属反应性 | 与反应: Human<br>预测可用于: Mouse, Rat    |
| 免疫原   | Synthetic peptide corresponding to Human JAK3 aa 750-850 (phospho Y785).<br>Database link: <a href="#">P52333</a>   |
| 常规说明  | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

### 性能

|      |   |
|------|---|
| 形式   | Liquid  |
| 存放说明 | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.  |
| 存储溶液 | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride  |
| 纯度   | Immunogen affinity purified   |
| 纯化说明 | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| 克隆   | 多克隆   |
| 同种型  | IgG   |

## 应用

### The Abpromise guarantee **Abpromise™**承诺保证使用ab61102于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用    | Ab评论 | 说明                                       |
|-------|------|--|
| ELISA |      | Use at an assay dependent concentration. |

## 靶标

|              |  |
|--------------|--|
| <b>功能</b>    | Tyrosine kinase of the non-receptor type, involved in the interleukin-2 and interleukin-4 signaling pathway. Phosphorylates STAT6, IRS1, IRS2 and PI3K.  |
| <b>组织特异性</b> | In NK cells and an NK-like cell line but not in resting T-cells or in other tissues. The S-form is more commonly seen in hematopoietic lines, whereas the B-form is detected in cells both of hematopoietic and epithelial origins.  |
| <b>疾病相关</b>  | Defects in JAK3 are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-negative (T(-)B(+)NK(-) SCID) [MIM:600802]. A form of severe combined immunodeficiency (SCID), a genetically and clinically heterogeneous group of rare congenital disorders characterized by impairment of both humoral and cell-mediated immunity, leukopenia, and low or absent antibody levels. Patients present in infancy recurrent, persistent infections by opportunistic organisms. The common characteristic of all types of SCID is absence of T-cell-mediated cellular immunity due to a defect in T-cell development. |
| <b>序列相似性</b> | Belongs to the protein kinase superfamily. Tyr protein kinase family. JAK subfamily.<br>Contains 1 FERM domain.<br>Contains 1 protein kinase domain.<br>Contains 1 SH2 domain.   |
| <b>结构域</b>   | Possesses two phosphotransferase domains. The second one probably contains the catalytic domain (By similarity), while the presence of slight differences suggest a different role for domain 1.   |
| <b>翻译后修饰</b> | Tyrosine phosphorylated in response to IL-2 and IL-4.  |
| <b>细胞定位</b>  | Endomembrane system. Wholly intracellular, possibly membrane associated.   |

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