

A0748

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## JAK3 Rabbit pAb

Catalog No.: A0748

3 Publications

### Basic Information

#### Observed MW

115kDa

#### Calculated MW

125kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB, IF/ICC, ELISA

#### Cross-Reactivity

Human

### Background

The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease).

### Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:50 - 1:200

### Immunogen Information

#### Gene ID

3718

#### Swiss Prot

P52333

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 350-530 of JAK3 (NP\_000206.2).

#### Synonyms

JAKL; LJAK; JAK-3; L-JAK; JAK3\_HUMAN; JAK3

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

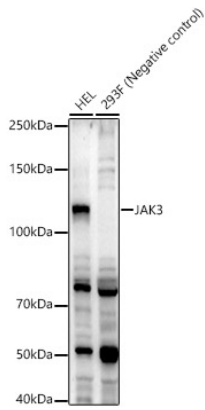
Affinity purification

#### Storage

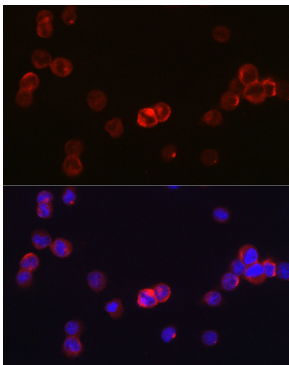
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data



Western blot analysis of various lysates, using JAK3 Rabbit pAb (A0748) at 1:2000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 60s.



Immunofluorescence analysis of TF-1 cells using JAK3 Rabbit pAb (A0748) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.