

**Anti-IL32 Antibody Picoband™ (monoclonal, 2I2)**  
**Catalog # ABO14901****Specification****Anti-IL32 Antibody Picoband™ (monoclonal, 2I2) - Product Information**

Application	E
Primary Accession	<a href="#">P24001</a>
Host	Mouse
Isotype	Mouse IgG2b
Reactivity	Human
Clonality	Monoclonal
Format	Lyophilized

**Description**

Anti-IL32 Antibody Picoband™ (monoclonal, 2I2) . Tested in ELISA applications. This antibody reacts with Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500 µg/ml.

**Anti-IL32 Antibody Picoband™ (monoclonal, 2I2) - Additional Information**

**Gene ID** 9235

**Other Names**

Interleukin-32, IL-32, Natural killer cells protein 4, Tumor necrosis factor alpha-inducing factor, IL32, NK4, TAIF

**Application Details**

ELISA (Cap), 1-5 µg/ml, Human<br>

**Subcellular Localization**

Secreted

**Tissue Specificity**

Expressed in all tissues, but more abundant in heart, brain and skeletal muscle.

**Contents**

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

E. coli-derived human IL32 recombinant protein (Position: A31-K234).

**Cross Reactivity**

No cross-reactivity with other proteins.

**Storage**

**Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored**

**frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.**

## **Anti-IL32 Antibody Picoband™ (monoclonal, 2I2) - Protein Information**

**Name** IL32

**Synonyms** NK4, TAIF

### **Function**

Cytokine that may play a role in innate and adaptive immune responses. It induces various cytokines such as TNFA/TNF-alpha and IL8. It activates typical cytokine signal pathways of NF-kappa-B and p38 MAPK.

### **Cellular Location**

Secreted.

### **Tissue Location**

Selectively expressed in lymphocytes. Expression is more prominent in immune cells than in non-immune cells

## **Anti-IL32 Antibody Picoband™ (monoclonal, 2I2) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Anti-IL32 Antibody Picoband™ (monoclonal, 2I2) - Images**

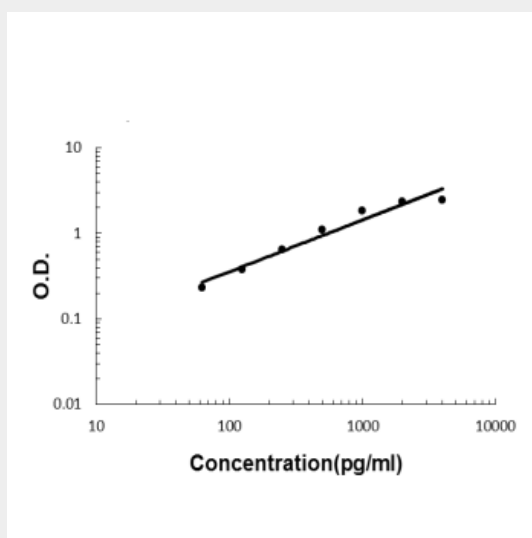


Figure 1. Sandwich ELISA - Recombinant human IL32 protein standard curve.  
Use in combination with reagents from Human IL32 ELISA Kit EZ-Set (DIY Antibody Pairs) (EZ1599).

#### **Anti-IL32 Antibody Picoband™ (monoclonal, 2I2) - Background**

Interleukin 32 (IL32) is a protein that in humans is encoded by the IL32 gene. This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.