



# Polyclonal Goat Anti-human IL-32 Antibody

Catalogue Number: PAB101

## ORDERING INFORMATION

Lot Number: LSY000-0001

Size: 100 µg

Formulation: Lyophilized powder

Storage: -20°C

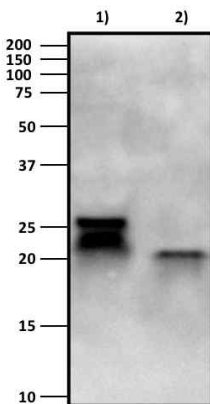
Reconstitution:

Specificity: human IL-32

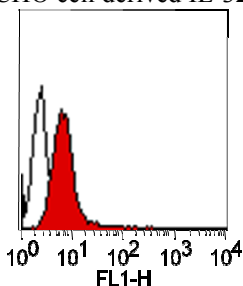
Immunogen: *E.coli*-derived rhIL-32

Ig class: goat IgG

## Recommended Applications:



Detection of IL-32 with goat anti-human IL-32 antibody (lane 1, CHO cell derived IL-32 gamma; lane 2, CHO cell derived IL-32 alpha)



IL-32 was detected with goat anti-human IL-32 antibody (red) or normal goat IgG (blank) from U937 cells

## Specifications and Use

### Preparation

- Produced in goat immunized with purified, *E.coli*-derived, recombinant human IL-32(rhIL-32). Total IgG was purified by Protein affinity chromatography.

### Endotoxin level

- < 1.0 EU per 1 µg of the protein as determined by LAL method.

### Formulation

- Supplied as lyophilized powder.
- Reconstitute in
- Centrifuge the vial before opening to prevent loss of the powder.

### Storage

- Samples are stable up to 1 year from date of receipt at -20°C.
- Upon thawing, this protein can be stored under sterile conditions at 2 ~ 8°C for two weeks or at -70°C in a manual defrost freezer for three months without detectable loss of activity.
- Avoid repeated freeze-thaw cycles. Samples are recommended to be aliquot in small volumes and frozen for multiple uses.

### Specificity

- This antibody was selected for its ability to recognize human IL-32 in ~ (direct ELISAs and Western blots). In these formats, this antibody shows no cross-reactivity with (rhIL-1 R1, rhIL-18 R or rmIL-18 R)

### Application

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### Background

- IL-32, previously called Natural Killer Transcript 4 (NK4) and TNF- $\alpha$ -inducible factor (TAIF), is induced by mitogens in peripheral lymphocytes, by IFN $\gamma$  in epithelial cells, or by IL-12 with IL-18 in NK cells. IL-32 itself can also induce various cytokine expression in different cell lines. No IL-32 ortholog has been found in mouse.

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

**YbdY, Inc.**  
**82-2-457-0868**