

## Catalog #: 5111

## Aliases

IL18; Interleukin 18; IL1F4; IL-18; IGIF; IL-1g; Interleukin 18 (Interferon-Gamma-Inducing Factor); IFN-Gamma-Inducing Factor; Interleukin-1 Gamma; Interleukin-18; Iboctadekin; IL-1 Gamma; Interferon-Gamma-Inducing Factor; Interferon Gamma-Inducing Factor

## Background

Gene Name: IL18

NCBI Gene Entry: [3606](#)

UniProt Entry: [Q14116](#)

## Application Information

Molecular Weight: Predicted, 22 kDa; observed, 20 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB14370

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM)

## Immunogen

Recombinant protein of human IL18

## Isotype

Mouse IgG1

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:400-1:2,000

Flow Cytometry (FCM): 1:2,000

**Note:** This product is for research use only.

## Validation Data

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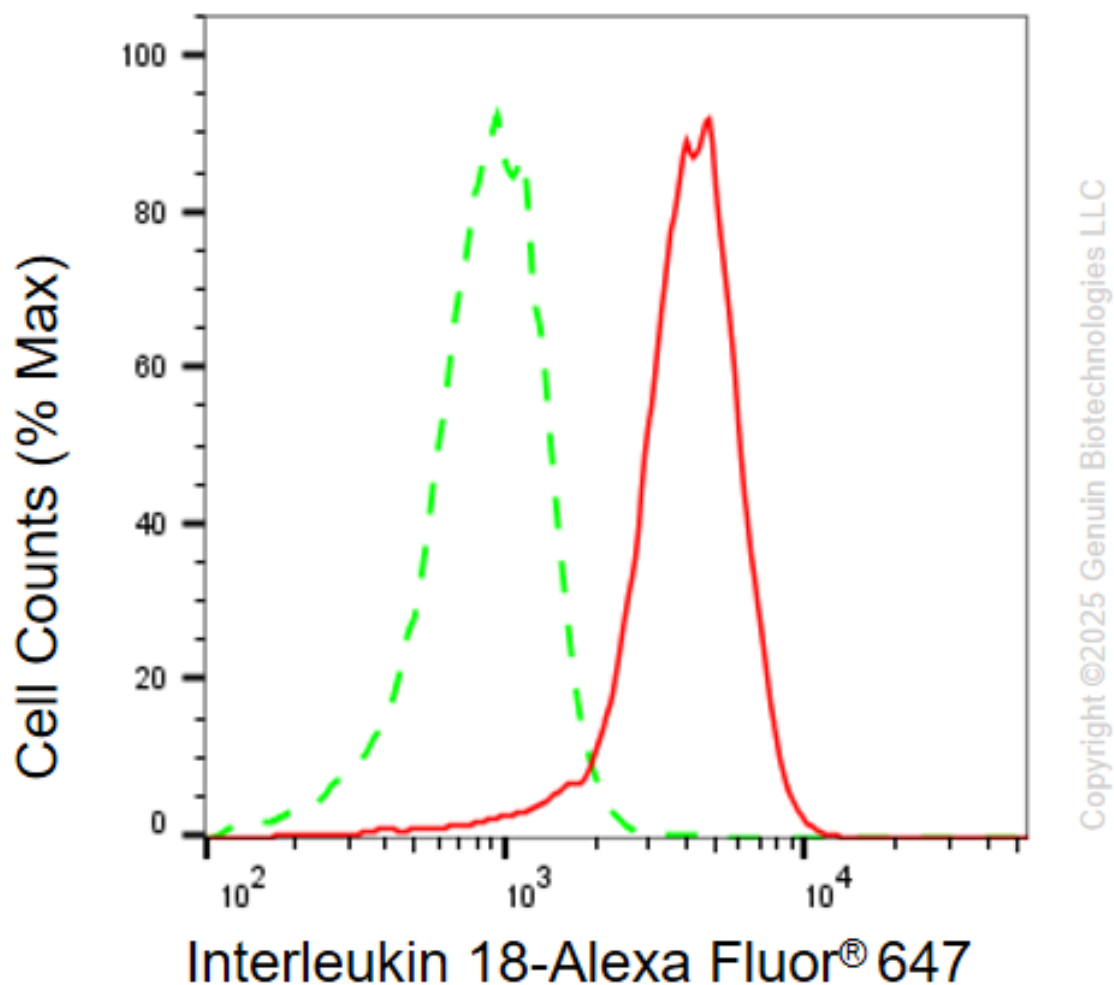
### SUPPORT

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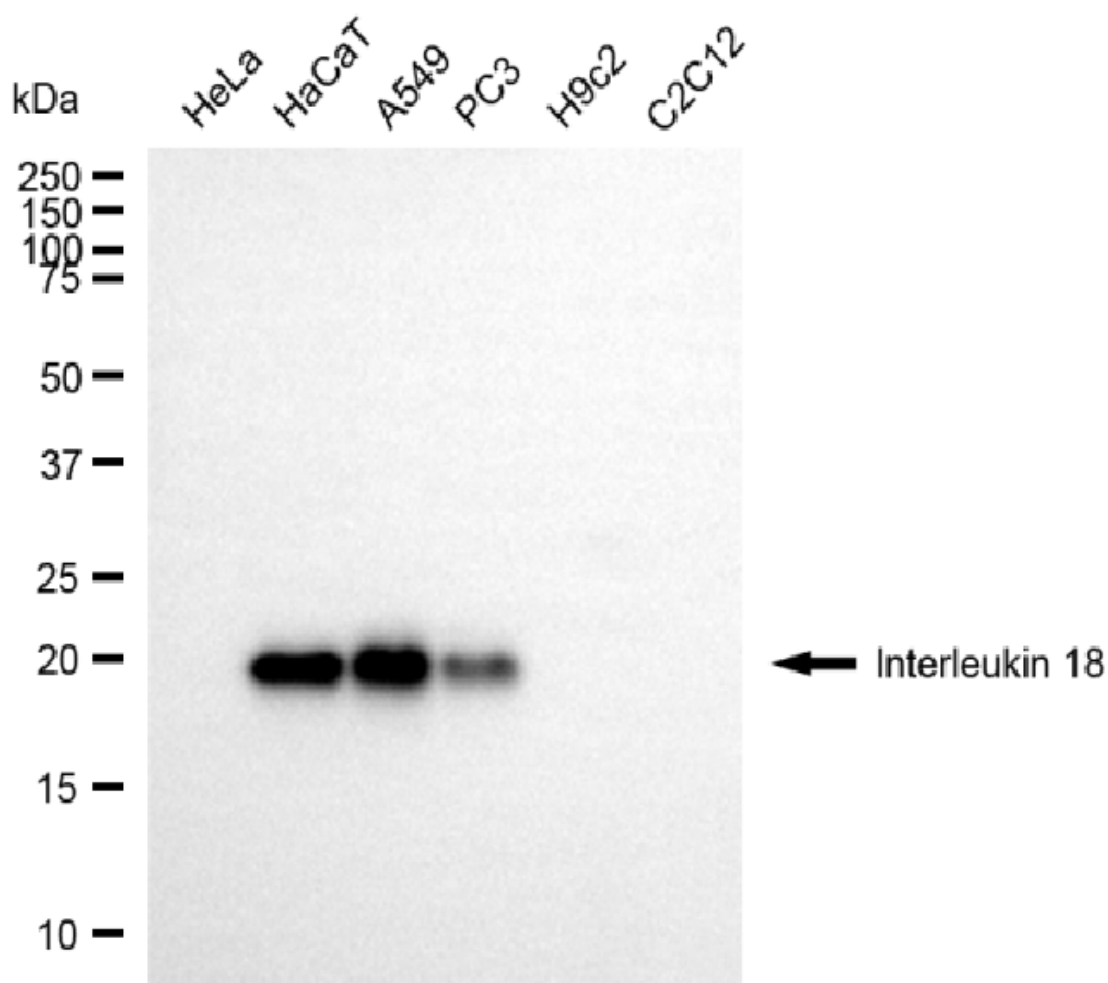
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Flow cytometric analysis of Interleukin 18 expression in HaCaT cells using anti-Interleukin 18 antibody (Cat#5111, 1:2,000) . Green, isotype control; red, Interleukin 18.



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Western blotting analysis using anti-interleukin 18 antibody (Cat#5111). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-interleukin 18 antibody (Cat#5111, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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