

Anti-IL-18 Antibody (6L460)

Product Details

Ig Type:	hIgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6L460
Purification:	Affinity-chromatography

Applications

Verified Activity:	Overlay Peak curve showing A549 cells stained with TMAH-00614 (red line) at 1:200. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10 ⁶ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Human IgG (H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was human IgG (1ug/1*10 ⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.
Application:	ELISA, FCM
Recommended	FCM:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human IL18 Protein
Antigen Species:	Human
Gene ID:	3606
Uniprot ID:	Q14116
Synonyms:	IL-18;IL18;IL-1 γ;IL-1g;IL-1F4;Interleukin 1;IL-1 gamma;IL1F4;IGIF
Biology Area:	Cancer, Immunology, Metabolism

Research Background

A proinflammatory cytokine primarily involved in polarized T-helper 1 (Th1) cell and natural killer (NK) cell immune responses (Probable). Upon binding to IL18R1 and IL18RAP, forms a signaling ternary complex which activates NF-kappa-B, triggering synthesis of inflammatory mediators. Synergizes with IL12/interleukin-12 to induce IFNG synthesis from T-helper 1 (Th1) cells and natural killer (NK) cells (Probable).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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