

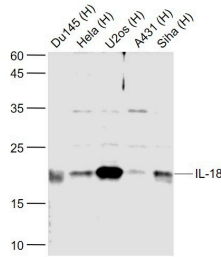
## Anti-IL-18 Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 22 kDa.
Purification:	Protein A purified

## Applications

Verified Activity: 25 µg total protein per Lane of various lysates probed with IL-18 polyclonal antibody, unconjugated (TMAB-00951) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.



Application:	WB
Recommended	WB: 1:500-2000

## 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:	KLH conjugated synthetic peptide: human IL-18/IGIF
Antigen Species:	Human
Gene ID:	3606
Uniprot ID:	Q14116
Synonyms:	Interleukin 1; IL-1 γ; IL-18; IL-1F4; IL1F4; IL18; IL-1g; IGIF; IL-1 gamma
Biology Area:	Hypoxia, Interleukins, Interleukins, Angiogenic growth factors, Response to hypoxia

## Research Background

IL18 (IFN-gamma-inducing factor, IGIF) is a novel pro-inflammatory cytokine that augments natural killer (NK) activity in spleen cells. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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