Anti-Human IL-18 Antibody [PSH01-71] - BSA and Azide free (Capture)

# HA721722



### Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

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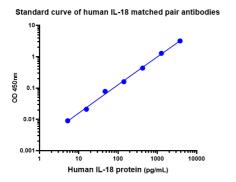
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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

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#### Images

Fig1: Sandwich ELISA analysis of human IL-18 matched pair antibodies



Elisa assay was performed by coating wells of a 96-well plate with 100  $\mu$ I per well of capture antibody (HA721722) diluted in carbonate/bicarbonate buffer, at a concentration of 4  $\mu$ g/mL overnight at 4°C. Wells of the plate were washed, blocked with 150  $\mu$ I 0.05% tween-20 1% BSA blocking buffer, and incubated with serial diluted human IL-18 protein starting from 3800 pg/ml to 0 pg/ml and detect antibody [PSH01-70]-Biotin (0.2  $\mu$ g/ml) for 1 hour at 30°C with shaking. Then the plate was washed and incubated with 100  $\mu$ I per well of SA-HRP for 0.5 hour at 30°C with shaking. Detection was performed using an Ultra TMB Substrate for 10 minutes at room temperature in the dark. The reaction was stopped with sulfuric acid and absorbances were read on a spectrophotometer at 450 nm.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

### **Background References**

- 1. Zhang X et al. IL18 signaling causes islet β cell development and insulin secretion via different receptors on acinar and β cells. Dev Cell. 2022 Jun
- 2. Lin T et al. NET-Triggered NLRP3 Activation and IL18 Release Drive Oxaliplatin-Induced Peripheral Neuropathy. Cancer Immunol Res. 2022 Dec

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