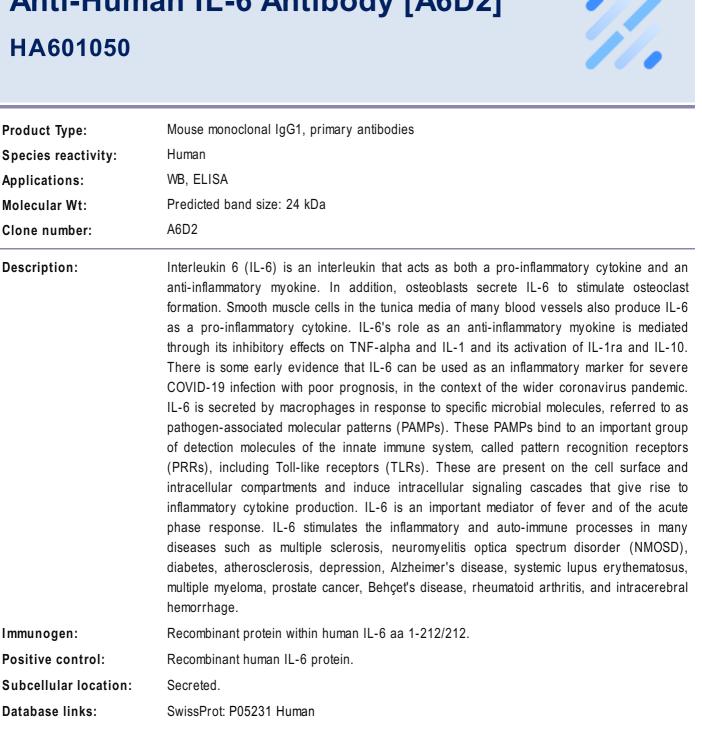
# Anti-Human IL-6 Antibody [A6D2] **HA601050**



<b>Recommended Dilutions:</b>	
WB	1:500
ELISA	1:5,000
Storage Buffer:	PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Storage Instruction:	Store at +4 $^\circ\!\mathrm{C}$ after thawing. Aliquot store at -20 $^\circ\!\mathrm{C}$ . Avoid repeated freeze / thaw cycles.
Purity:	Protein A affinity purified.

# Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

**Product Type:** 

**Applications:** Molecular Wt:

**Clone number:** 

Description:

Immunogen:

Technical:0086-571-89986345

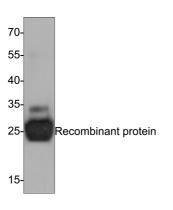
Service mail:support@huabio.cn



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:** Western blot analysis of Human IL-6 on recombinant protein with Mouse anti-Human IL-6 antibody (HA601050) at 1/500 dilution.

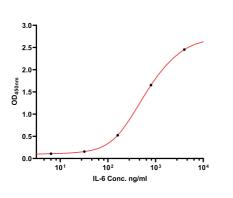
Lysates/proteins at 50 ng/Lane.

Exposure time: 30 seconds;

12% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA601050) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody (HA1006) at 1:100,000 dilution was used for 1 hour at room temperature.

Fig2: Human IL-6 Antibody (HA601050) in indirect ELISA.



Indirect ELISA analysis of Human IL-6 was performed by coating wells of a 96-well plate with 50  $\mu$ l per well of Human IL-6 antigen diluted in carbonate/bicarbonate buffer, at a concentration of 1  $\mu$ g/mL overnight at 4 °C. Wells of the plate were washed, blocked with StartingBlock blocking buffer, and incubated with 50  $\mu$ l per well of a mouse Human IL-6 monoclonal antibody starting at a concentration of 20  $\mu$ g/mL and serially diluting it to a concentration of 1.28 ng/mL for 2 hours at room temperature. The plate was washed and incubated with 50  $\mu$ l per well of an HRP-conjugated goat anti-mouse IgG secondary antibody at a dilution of 1:10,000 for one hour at room temperature. Detection was performed using an Ultra TMB Substrate for 5 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. Ibrahim ML. et. al. Expression profiles and function of IL6 in polymorphonuclear myeloid-derived suppressor cells. Cancer Immunol Immunother. 2020 Nov
- 2. Galoian K. et. al. Analysis of IL6-protein complexes in chondrosarcoma. Biomed Rep. 2018 Jan



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