Biotin Conjugated Anti-Human IL-4 Antibody [PS00-66] - Detector

HA721368



Hangzhou Huaan Biotechnology Co., Ltd.

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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

Images

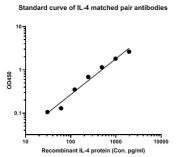


Fig1: Sandwich ELISA analysis of IL-4 matched pair antibodies Elisa assay was performed by coating wells of a 96-well plate with 50 µl per well of capture antibody HA721230 [PS00-67] diluted in carbonate/bicarbonate buffer, at a concentration of 1 µg/mL overnight at 4°C. Wells of the plate were washed, blocked with 150 µl 1%BSA/PBST blocking buffer, and incubated with serial diluted Recombinant IL-4 protein starting from 2000 pg/ml to 30.5 pg/ml for 1 hour at 37°C. The plate was washed and incubated with 50 µl per well of detect antibody HA721368 [PS00-66] (Biotin, 1:4000) for 1 hour at 37°C. Then the plate was washed and incubated with 50 µl per well of Streptavidin-HRP for 0.5 hour at 37°C. 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.

Capture/detect antibodies, Recombinant IL-4 protein, Streptavidin-HRP are diluted in 1% BSA/PBST.

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

Background References

- Carr C., Aykent S., Kimack N.M., Levine A.D. Disulfide assignments in recombinant mouse and human interleukin 4. Biochemistry 30:1515-1523 (1991)
- 2. LaPorte S.L., Juo Z.S., Vaclavikova J., Colf L.A., Qi X., Heller N.M., Keegan A.D., Garcia K.C. Molecular and structural basis of cytokine receptor pleiotropy in the interleukin-4/13 system. Cell 132:259-272 (2008)

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