Biotin Conjugated Anti-Rat IL-2 Antibody [PS01-89] - Detector

HA721614



Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

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

```
HA721614 - Page 2
```

Images

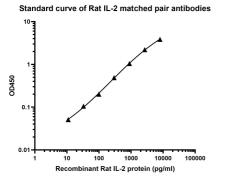


Fig1: Sandwich ELISA analysis of Rat IL-2 matched pair antibodies

Elisa assay was performed by coating wells of a 96-well plate with 100 μ I per well of capture antibody (HA721612) diluted in carbonate/bicarbonate buffer, at a concentration of 2 μ g/mL overnight at 4°C. Wells of the plate were washed, blocked with 150 μ I 0.05% tween-20 1%BSA blocking buffer, and incubated with serial diluted Rat IL-2 protein starting from 2000 pg/ml to 0 pg/ml and detect antibody (HA721614) -Biotin (0.2 μ g/ml) for 1 hour at 30°C with shaking. Then the plate was washed and incubated with 100 μ 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

- Miyazaki T., Kawahara A., Fujii H., Nakagawa Y., Minami Y., Liu Z.J., Oishi I., Silvennoinen O., Witthuhn B.A., Ihle J.N. Functional activation of Jak1 and Jak3 by selective association with IL-2 receptor subunits. Science 266:1045-1047 (1994)
- Mingari M.C., Gerosa F., Carra G., Accolla R.S., Moretta A., Zubler R.H., Waldmann T.A., Moretta L. Human interleukin-2 promotes proliferation of activated B cells via surface receptors similar to those of activated T cells. Nature 312:641-643 (1984)

Hangzhou Huaan Biotechnology Co., Ltd.



Orders:0086-571-88062880

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