

In vivo Pharmacology: Mouse Anti-CD3 Induced Inflammation

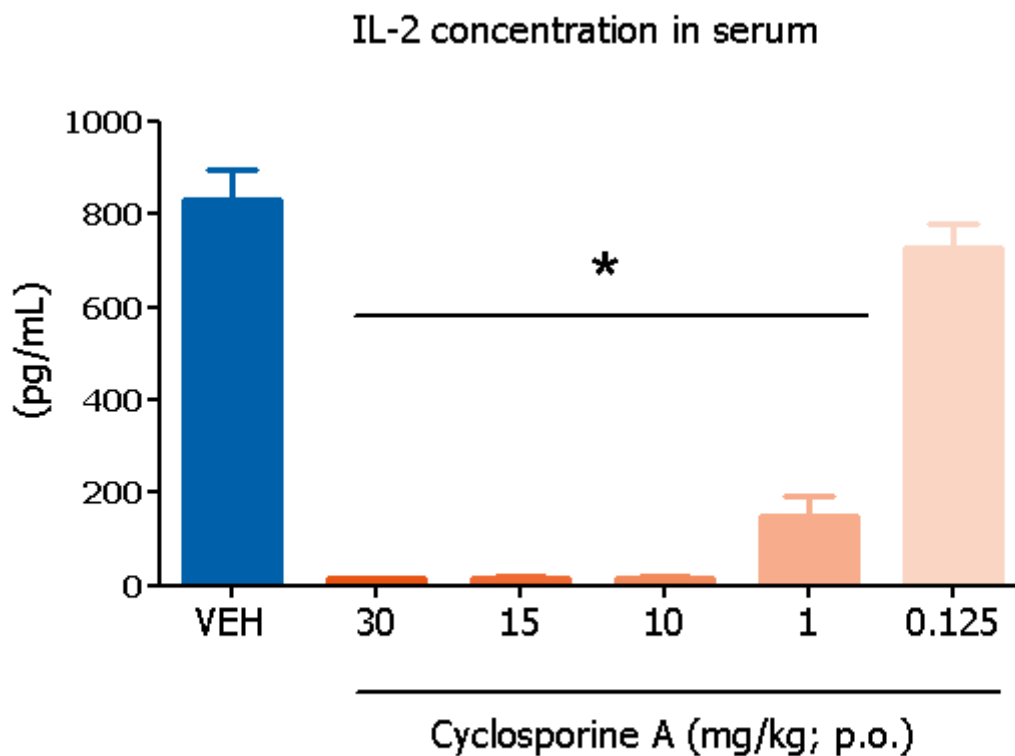
Species, strain, sex: mouse, BALB/c, female
 No. of animals per group: n=10
 Pharmacological control: Cyclosporine A
 Routes of administration: upon request
 Treatment mode: mechanistic
 Duration of dosing: upon request

Read-out:

- IL-2 concentration in serum

The CD3 complex is a part of TCR receptor of T-cells. Anti-CD3 antibodies stimulate T-cell functional responses identical to antigen induced responses and stimulate all T-cells in a mixed population, regardless of antigen specificity.

Activity of the test compound is evaluated on the basis of inhibition of IL-2 production 90 – 180 min after intravenous anti-CD3 administration.



*p<0,05 vs. VEH; Kruskal-Wallis with Dunn's multiple comparison test