Abstract

The task is to provide protein interaction inhibitors and/or detection method for interaction inhibitors related to regulation of T cell activation and production of IL-2. The present invention provides inhibitors of interaction between PKC theta and KPNA1, and inhibitors of interaction between KPNA1 and NF-kappaB. Inhibitors of interaction is defined as an candidate compound demonstrating the inhibition of interaction by assaying whether interaction has occurred or not between 2 types of protein and the candidate compound under the conditions allowing interaction of each combination. The detection kit is equipped with samples providing proteins of combinations to be interacted.