

A novel ELISA kit from USCN for IL35 detection

Interleukin-35 (IL35), which composed of two subunits, EBI3 and IL12 p35^[1], is a newly discovered cytokine belonging to IL12 family. IL35 is a cytokine secreted by regulatory T cells (Treg), and it is an important cytokine playing a regulatory role in immunity system^[2]. As a member of the small group of signaling molecules that can inhibit the activity of immune system, IL35 could be used to regulate immune response, from a certain perspective. Therefore, it will be a novel idea to immunotherapy through regulation of IL35.

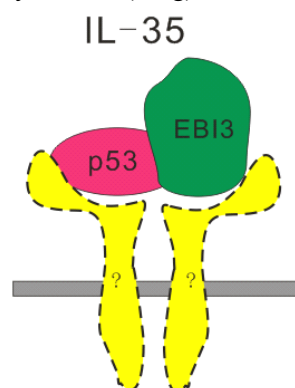
It is difficult to get full-length of IL-35 due to the nature of itself, a hetero-dimer composed of two subunits, EBI3([P93206Hu01](#)) and p35

([P90059Hu01](#)). Thus, very few related detection reagents of IL35 are available for purchase on the market currently. USCN have recently

broken through the technical difficulties and acquired the above two subunits connected by a special linker, from which the full length of IL35([P92008Hu01](#)) were successfully obtained. Subsequently, specific monoclonal antibodies to EBI3 and p35 were obtained by hybridoma technique and were utilized in ELISA kit ([E92008Hu](#)) for detection of human IL35. USCN is applying for national invention patent and international patent for this kit now.

The capture and detection antibody of USCN IL35 ELISA kit are monoclonal antibody to EBI3 ([A93206Hu22](#)) and p35 ([A90059Hu22](#)), respectively. That is to say, only those target proteins simultaneously containing EBI3 and p35, not IL12 and IL27 themselves, can be detected by this kit.

USCN product lines about IL35 include: recombinant protein, monoclonal antibody and polyclonal antibody, please check out the following link for more information:



[http://www.uscnk.com/directory/Interleukin-35\(IL35\)-2008.htm](http://www.uscnk.com/directory/Interleukin-35(IL35)-2008.htm)

Reference

1. Nam H, Ferguson BS, et al. "Impact of obesity on IL-12 family gene expression in insulin responsive tissues". *Biochim Biophys Acta*. 2013 Jan; 1832(1): 11-9.
2. L. Collison et al., "The inhibitory cytokine IL-35 contributes to regulatory T-cell function." *Nature*, 450: 566-71, 2007.

Unique product Superb quality Client favorite Nicest service  **ISO9001:2008**;  **ISO13485:2003**;  **CE**

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