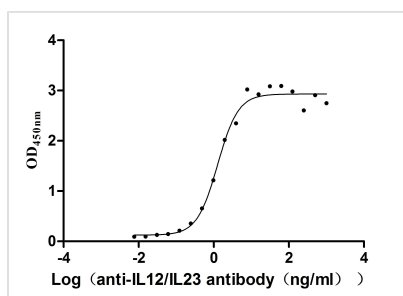




# IL12&IL23 Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA011587MA1HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P29459&P29460
<b>Immunogen</b>	Recombinant Human IL12&IL23 protein
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	hIgG1
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Recombinant Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Immunology
<b>Gene Names</b>	IL12&IL23
<b>Clone No.</b>	14D4

## Image



The Binding Activity of IL12B&IL12A with Anti-IL12/IL23 monoclonal antibody  
Activity: Measured by its binding ability in a functional ELISA. Immobilized Human IL12B&IL12A (CSB-MP4155HU) at 1 µg/mL can bind Anti-IL12/IL23 recombinant antibody, the EC<sub>50</sub> is 1.042-1.545 ng/mL.

## Description

The production of the IL12&IL23 recombinant monoclonal antibody involves several steps: separating B cells from the spleen of the immunized animal and using recombinant human IL12&IL23 protein as the immunogen during the immunization process. RNA was isolated from the B cells and converted into cDNA. With the cDNA as the template, the IL12&IL23 antibody-encoding gene was amplified through PCR and cloned into the vector. The recombinant vector was transfected into host cells for antibody expression. The IL12&IL23 recombinant monoclonal antibody was harvested from the cell culture supernatant and purified using affinity chromatography. The antibody was validated by demonstrating its reactivity with human IL12 and IL23 proteins in



ELISA.