

Human IL23A/p19 Neutralizing Antibody



Sino Biological
Biological Solution Specialist

Catalog Number: CT035-M066

General Information	
Immunogen:	Recombinant Human IL23A & Mouse IL12B Heterodimer Protein (Catalog#CT035-A99H)
Clone ID:	M066
Ig Type:	Mouse IgG1
Applications:	Neutralization
Specificity:	Human IL23A & Human IL12B Heterodimer
Formulation:	0.2 µm filtered solution in Histidine and Arginine buffer containing 120mM NaCl, 0.02% Tween 80, pH6.0
Storage:	< -20°C

Preparation

This product is a recombinant monoclonal antibody expressed from HEK293 cells.

Specificity

Human IL23A & Human IL12B Heterodimer

Has cross-reactivity with Cynomolgus IL-23 & IL12B Heterodimer (Catalog#CT037-C08H) and Human IL-23 & IL12B Heterodimer Protein (Catalog#CT012-H08H) in ELISA assay

No cross-reactivity with Mouse IL-23 & IL12B Heterodimer (Catalog#CT028-M08H) and Rat IL-23 & IL12B Heterodimer Protein (Catalog#CT045-R08H) in ELISA assay

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. **Preservative-Free.**

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. **Avoid repeated freeze-thaw cycles.**

Character	Method	Result
Specificity	ELISA	Human IL23A & Human IL12B Heterodimer (Catalog#CT012-H08H)
Antibody concentration	UV	> 1 mg/mL
Aggregation	SEC-HPLC	< 5% aggregation
Purity	SDS-PAGE	> 95%
Endotoxin	LAL gel clotting	< 3 EU/mg

Applications

Block – In a functional ELISA which immobilized recombinant Human IL23R/Fc Chimera (Catalog# 13840-H02H) at 8 µg/mL (100 µL/well) in the plate, the Rabbit anti-Human IL23a Monoclonal Antibody (Catalog# CT012-M066) can block the binding of 0.5 µg/mL of biotinylated recombinant Human IL23A & Human IL12B Heterodimer Protein (Catalog# CT012-H08H-B) to human IL23R, the EC50 is 0.55 µg/mL.

Neutralization – The neutralization activity of antibody is Measured by its ability to neutralize IL23-induced IL17A secretion in mouse splenocytes.

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

Tel: 215-583-7898 (US); +86-400-890-9989(Global) • <http://www.sinobiological.com>