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Datasheet for ABIN6964023  
**anti-IL23 antibody**

### Overview

Quantity:	500 µg
Target:	IL23
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL23 antibody is un-conjugated
Application:	Neutralization (Neut)

### Product Details

Immunogen:	Recombinant human IL-23
Clone:	MT155
Isotype:	IgG2b
Specificity:	Native and recombinant IL-23. The antibody recognizes the p19 subunit of the IL-23 heterodimer (p40+p19).
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

### Target Details

Target:	IL23
Alternative Name:	IL23 ( <a href="#">IL23 Products</a> )
Gene ID:	51561

## Application Details

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**Application Notes:** Neutralization of human IL-23 bioactivity. It is recommended to establish the optimal antibody concentration for the assay system used. The antibody is also suitable for immunoassays.

Neutralization assay: Neutralization of human IL-23 induced IFN- $\gamma$  production (see graph). To determine the neutralizing capacity and ND50, mixtures of various concentrations of mAb MT155, human recombinant IL-23 (10 ng/mL) and recombinant human IL-18 (50 ng/mL) were added to human PBMC. Following overnight incubation, cell supernatants were quantified in IFN- $\gamma$  ELISA. Neutralization dose 50 (ND50): MT155 neutralized the effect of IL-23 at a ND50 value of 0.2-0.8  $\mu$ g/mL when 10 ng/mL recombinant human IL-23 was present. ND50 is defined as the concentration of antibody that results in 50 % inhibition of the biological response under the experimental conditions specified.

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**Restrictions:** For Research Use only

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## Handling

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**Concentration:** 1 mg/mL

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**Buffer:** supplied at 1 mg/mL in PBS free of preservatives

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**Preservative:** Without preservative

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**Storage:** 4 °C, -20 °C

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**Storage Comment:** Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.

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**Expiry Date:** 18 months

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