

Product datasheet

Anti-IL-23 antibody [B-Z23] - BSA and Azide free ab84471

★★★★★ [1 Abreviews](#) [2 References](#) [1 Image](#)

Overview

Product name	Anti-IL-23 antibody [B-Z23] - BSA and Azide free
Description	Mouse monoclonal [B-Z23] to IL-23 - BSA and Azide free
Host species	Mouse
Specificity	Recognizes both recombinant and natural human IL23, p19 sub-unit. Inhibits the bioactivity of rhIL-23 on mouse splenocytes C57Bl/6 (measurement of mIL-17 or mIL-22 production).
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Human IL-23.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Constituent: 100% PBS Sterile-filtered through 0.22 µm. Carrier and preservative free
Carrier free	Yes
Purity	Ion Exchange Chromatography
Purification notes	Sterile-filtered through 0.22 µm and treated to remove endotoxins.

Clonality	Monoclonal
Clone number	B-Z23
Myeloma	x63-Ag8.653
Isotype	IgG1
Light chain type	kappa

Applications

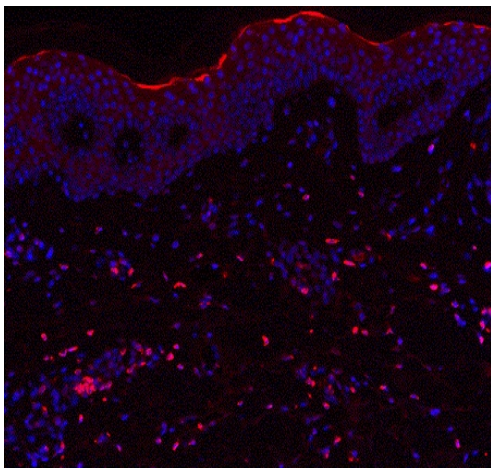
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab84471 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500.

Target

Function	Associates with IL12B to form the IL-23 interleukin, an heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to an heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.
Tissue specificity	Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).
Sequence similarities	Belongs to the IL-6 superfamily.
Developmental stage	Expressed by newborns dendritic cells.
Cellular localization	Secreted. Secreted upon association with IL12B.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-23 antibody [B-Z23] (ab84471)

Paraffin embedded human psoriasis lesion tissue labelling IL-23 with ab84471 at 1/500 dilution (Red). DAPI (Blue).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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