Datasheet for ABIN6964022

anti-IL-12/IL-23 p40 antibody

3 Publications

Go to Product page

Overview

Quantity:	500 µg
Target:	IL-12/IL-23 p40
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This IL-12/IL-23 p40 antibody is un-conjugated
Application:	Neutralization (Neut)

Product Details

Immunogen:	Recombinant mouse IL-12 p70
Clone:	C17-8
Isotype:	IgG2a
Specificity:	Native and recombinant p40 subunit of mouse IL-12 and IL-23. The antibody recognizes p40 monomer, p40 homodimer, IL-12 p70 heterodimer (p40+p35) and IL-23 heterodimer (p40+p19).
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

Target Details

Target:	IL-12/IL-23 p40
Alternative Name:	IL12/23 (p40) (IL-12/IL-23 p40 Products)
Gene ID:	16160

Application Details

Application Notes:	Neutralization of mouse IL-12 and IL-23 bioactivity. It is recommended to establish the optimal antibody concentration for the assay system used. The antibody is also suitable for immunoassays.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	supplied at 1 mg/mL in PBS free of preservatives
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing.
Expiry Date:	18 months

Publications

Product cited in:

Prabhakara, Harro, Leid, Keegan, Prior, Shirtliff: "Suppression of the inflammatory immune response prevents the development of chronic biofilm infection due to methicillin-resistant Staphylococcus aureus." in: **Infection and immunity**, Vol. 79, Issue 12, pp. 5010-8, (2012) (PubMed).

Lee, Hoeman, Hardaway, Guloglu, Ellis, Jain, Divekar, Tartar, Haymaker, Zaghouani: "Delayed maturation of an IL-12-producing dendritic cell subset explains the early Th2 bias in neonatal immunity." in: **The Journal of experimental medicine**, Vol. 205, Issue 10, pp. 2269-80, (2008) (PubMed).

Chackerian, Chen, Brodie, Mattson, McClanahan, Kastelein, Bowman: "Neutralization or absence of the interleukin-23 pathway does not compromise immunity to mycobacterial infection." in: **Infection and immunity**, Vol. 74, Issue 11, pp. 6092-9, (2006) (PubMed).