

Mouse IL12b Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18688c**Specification**

Mouse IL12b Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P43432](#)**Mouse IL12b Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 16160**Other Names**

Interleukin-12 subunit beta, IL-12B, Cytotoxic lymphocyte maturation factor 40 kDa subunit, CLMF p40, IL-12 subunit p40, IL12b

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse IL12b Antibody (Center) Blocking Peptide - Protein Information**Name** IL12b**Function**

Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC.

Cellular Location

Secreted.

Mouse IL12b Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

Mouse IL12b Antibody (Center) Blocking Peptide - Images**Mouse IL12b Antibody (Center) Blocking Peptide - Background**

Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC (By similarity). Associates with IL23A 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.

Mouse Il12b Antibody (Center) Blocking Peptide - References

Kagami, S., et al. J. Immunol. 185(9):5453-5462(2010)Wozniak, T.M., et al. Infect. Immun. 78(10):4187-4194(2010)Lindsay, R.W., et al. J. Immunol. 185(3):1513-1521(2010)Marshall, H.D., et al. J. Immunol. 185(3):1419-1428(2010)Park, Y., et al. J. Immunol. 185(3):1476-1484(2010)