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IL23R Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17012b

Specification

IL23R Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q5VWK5

IL23R Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 149233

Other Names
Interleukin-23 receptor, IL-23 receptor, IL-23R, IL23R

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.

IL23R Antibody (C-term) Blocking Peptide - Protein Information

Name IL23R

Function
Associates with IL12RB1 to form the interleukin-23 receptor. Binds IL23 and mediates T-cells, NK cells and possibly certain macrophage/myeloid cells stimulation probably through activation of the Jak-Stat signaling cascade. IL23 functions in innate and adaptive immunity and may participate in acute response to infection in peripheral tissues. IL23 may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis.

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Expressed by monocytes, Th1, Th0, NK and dendritic cells. Isoform 1 is specifically expressed in NK cells

IL23R Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

IL23R Antibody (C-term) Blocking Peptide - Images

IL23R Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene is a subunit of thereceptor for IL23A/IL23. This protein pairs with the receptormolecule IL12RB1/IL12Rbeta1, and both are required for IL23Asignaling. This protein associates constitutively with Janus kinase2 (JAK2), and also binds to transcription activator STAT3 in aligand-dependent manner.

IL23R Antibody (C-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Chen, J., et al. Mol. Carcinog. 49(10):862-868(2010)Mizuki, N., et al. Nat. Genet. 42(8):703-706(2010)Remmers, E.F., et al. Nat. Genet. 42(8):698-702(2010)Elmaagacli, A.H., et al. Bone Marrow Transplant. (2010) In press :