10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IL26 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13569a

Specification

IL26 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q9NPH9

IL26 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 55801

Other Names
Interleukin-26, IL-26, Protein AK155, IL26, AK155

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13569a was selected from the N-term region of IL26. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

IL26 Antibody (N-term) Blocking peptide - Protein Information

Name IL26

Synonyms AK155

Function
May play a role in local mechanisms of mucosal immunity and seems to have a pro-inflammatory function. May play a role in inflammatory bowel disease. Activates STAT1 and STAT3, MAPK1/3 (ERK1/2), JUN and AKT. Induces expression of SOCS3, TNF-alpha and IL-8, secretion of IL-8 and IL-10 and surface expression of ICAM1. Decreases proliferation of intestinal epithelial cells. Is inhibited by heparin.

Cellular Location
Secreted.

Tissue Location
Expressed in HVS transformed T-cells but not other T-cell lines or primary stimulated T-cells.

Expressed in colonic T- cells including Th17 inflammatory T-cells; the expression is significantly increased in serum of patients with Crohn's disease (at protein level).

IL26 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

IL26 Antibody (N-term) Blocking peptide - Images

IL26 Antibody (N-term) Blocking peptide - Background

This gene was identified by its overexpressionspecifically in herpesvirus samimiri-transformed T cells. Theencoded protein is a member of the IL10 family of cytokines. It isa secreted protein and may function as a homodimer. This protein isthought to contribute to the transformed phenotype of T cells afterinfection by herpesvirus samimiri.

IL26 Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010)Wang, K., et al. Hum. Mol. Genet. 19(10):2059-2067(2010)Davila, S., et al. Genes Immun. 11(3):232-238(2010)McGovern, D.P., et al. Nat. Genet. 42(4):332-337(2010)