

Allgemeine Informationen

Katalog-Nr.: 60278-1-Ig	GenBank-Zugangsnummer: BC153127	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1200 µg/ml von29949 Nanodrop und 833 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 29949	CloneNo.: 8H10H8
Wirt: Maus	Vollständiger Name: interleukin 19	Empfohlene Verdünnungen: IHC 1:20-1:200 IF 1:200-1:800
Isotyp: IgG1	Berechnete Masse: 177 aa, 20 kDa	
Immunogen Katalognummer: AG18887		

Anwendungen

Geprüfte Anwendungen: IF, IHC, ELISA	Positivkontrollen:
Getestete Reaktivität: Human	IHC : humanes Tonsillitisgewebe, humanes Hautkrebsgewebe, humanes Mammakarzinomgewebe
Hinweis-IHC: Antigenmaskierung mit TE- Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IF : humanes Tonsillitisgewebe, U-937-Zellen

Hintergrundinformationen

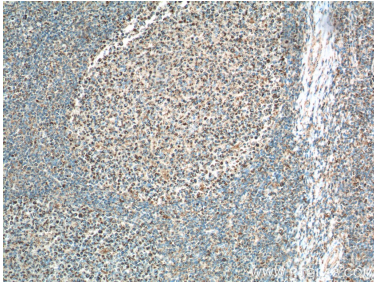
IL-19, a member of the IL-10 cytokine family, is expressed in epithelial cells, endothelial cells, and macrophages. It can bind the interleukin-20 receptor complex IL-20R1/IL-20R2 and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). IL-19 induces IL-6 and TNF-alpha production in monocytes. It also induces cell apoptosis and reactive oxygen species production in monocytes, which suggests a role of this cytokine in inflammatory responses. It is up-regulated in monocytes following stimulation with lipopolysaccharide (LPS), and granulocyte-macrophage colony-stimulating factor (GM-CSF). IL-19 alters the balance of Th1 and Th2 cells in favor of Th2 cells. IL-19 contributes to a range of diseases and disorders, such as breast cancer, squamous cell carcinoma of the skin, asthma, endotoxic shock, uremia, psoriasis, rheumatoid arthritis, and periodontal and vascular disease.

Lagerung

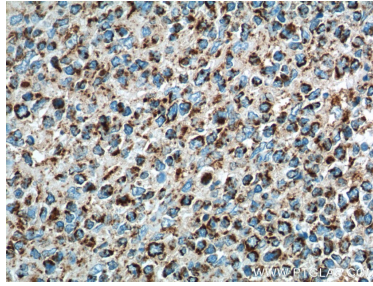
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

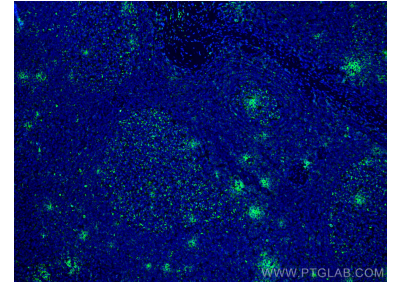
Ausgewählte Validierungsdaten



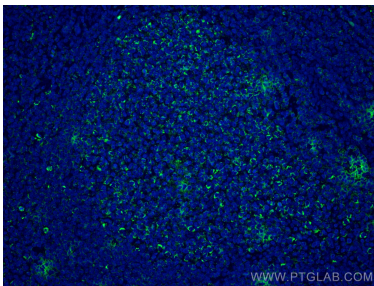
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60278-1-Ig (IL-19 antibody at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



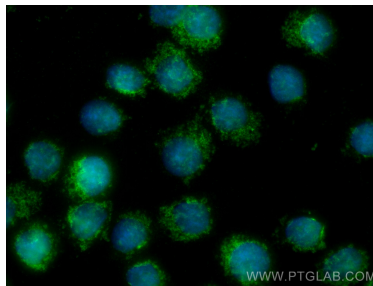
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60278-1-Ig (IL-19 antibody at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using IL-19 antibody (60278-1-Ig, Clone: 8H10H8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using IL-19 antibody (60278-1-Ig, Clone: 8H10H8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed U-937 cells using IL-19 antibody (60278-1-Ig, Clone: 8H10H8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).