

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-CXCL8/IL-8



Numéro de catalogue: 27095-1-AP

29 Publications

## Informations de base

Numéro de catalogue:

27095-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG25640

Numéro d'acquisition GenBank:

BC013615

Identification du gène (NCBI):

3576

Nom complet:

interleukin 8

MW calculé

99 aa, 11 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, poisson-zèbre, porc, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : PMA, LPS and Brefeldin A treated THP-1 cells,

IHC : tissu de lymphome humain, tissu d'amygdalite humaine

## Informations générales

Interleukin 8 (IL-8), also known as CXCL8, which is a member of the CXC chemokine family. This chemokine is secreted by a variety of cell types including monocyte/macrophages, T cells, neutrophils, fibroblasts, endothelial cells, and various tumor cell lines in response to inflammatory stimuli. IL-8 has two primary functions. It induces chemotaxis in target cells, primarily neutrophils but also other granulocytes, causing them to migrate toward the site of infection. IL-8 also induces phagocytosis once they have arrived. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. IL-8 is also known to be a potent promoter of angiogenesis. IL-8 has been associated with tumor angiogenesis, metastasis, and poor prognosis in breast cancer. IL-8 may present a novel therapeutic target for estrogen driven breast carcinogenesis and tumor progression. The human IL-8 cDNA sequence predicts a protein of 99 amino acids. Removal of a 22-residue signal peptide generates a mature protein of 77 amino acids (~ 8 kDa).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Hui Yang	30510570	Gastroenterol Res Pract	WB
Lizhong Sun	34785637	Int J Oral Sci	IHC
Hsin-Yuan Chen	36421424	Antioxidants (Basel)	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

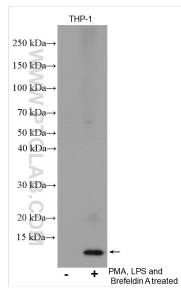
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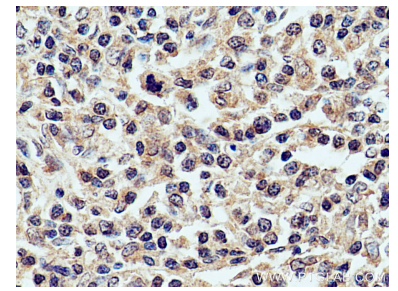
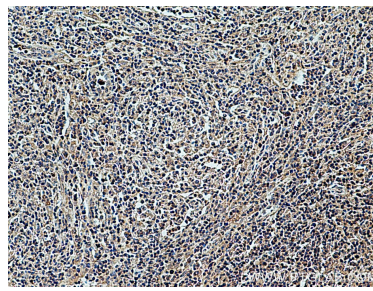
E: proteintech@ptglab.com  
W: ptglab.com

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## Données de validation sélectionnées



PMA, LPS and Brefeldin A treated THP-1 cells were subjected to SDS PAGE followed by western blot with 27095-1-AP (CXCL8/IL-8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 27095-1-AP (CXCL8/IL8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).