Product Datasheet

CXCL11 antibody

Catalog No: #38745

Package Size: #38745-1 50ul #38745-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

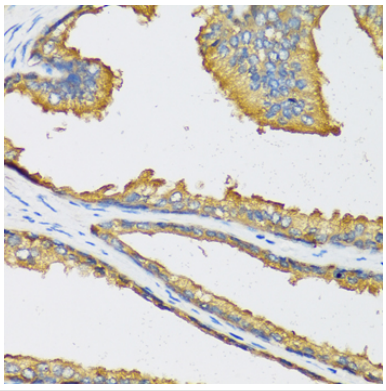
Description

Product Name	CXCL11 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	IHC
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total CXCL11 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CXCL11.
Target Name	CXCL11
Other Names	IP9; H174; IP-9; b-R1; I-TAC; SCYB11; SCYB9B;
Accession No.	Swiss-Prot#: O14625NCBI Gene ID: 6373
Uniprot	O14625
GeneID	6373;
SDS-PAGE MW	10kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

IHC□1:100 - 1:200

Images



Immunohistochemistry of paraffin-embedded human prostate using CXCL11 at dilution of 1:100 (40x lens).

Background

Chemokines are a group of small (approximately 8 to 14 kD), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. Chemokines are divided into 2 major subfamilies, CXC and CC. This gene is a CXC member of the chemokine superfamily. Its encoded protein induces a chemotactic response in activated T-cells and is the dominant ligand for CXC receptor-3. The gene encoding this protein contains 4 exons and at least three polyadenylation signals which might reflect cell-specific regulation of expression. IFN-gamma is a potent inducer of transcription of this gene.

Note: This product is for in vitro research use only