

IHC*easy* CXCR4 Ready-To-Use IHC Kit

Catalog Number: **KHC0485**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Mouse Monoclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

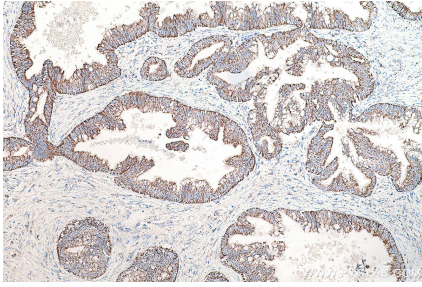
Background

C-X-C chemokine receptor type 4 (CXCR4) is a widely expressed G protein-coupled seven-transmembrane receptor. CXCL12/SDF-1 is the biological ligand for CXCR4. The binding of CXCL12 to CXCR4 induces intracellular signaling through several divergent pathways initiating signals related to chemotaxis, cell survival and/or proliferation, increase in intracellular calcium, and gene transcription. CXCR4 also functions as a coreceptor for HIV-1 entry.

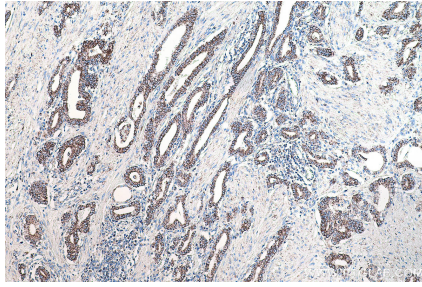
Synonyms

CD184, CXCR4, CXCR 4, CXCR4, CXCR4B, D2S201E, FB22, Fusin, HM89, HSY3RR, LAP3, LCR1, LESTR, SDF 1 receptor, WHIM

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC0485 (CXCR4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using KHC0485 (CXCR4 IHC Kit).