

CD183 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251386

Unit: 0.1 mg

Description:

C-X-C chemokine receptor type 3 (CXCR-3, CD183) is a receptor for CXCL9, CXCL10 and CXCL11 that mediates the proliferation of human mesangial cells (HMC). CD183 isoform 2 is a receptor for CXCL4 that mediates the inhibitory activities of CXCL9, CXCL10 and CXCL11 on the growth of human microvascular endothelial cells (HMVEC). Isoform 3 mediates the activity of CXCL11. Isoforms 1 and 2 are mainly expressed in heart, kidney, liver and skeletal muscle. Isoform 1 is also expressed in placenta.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, R

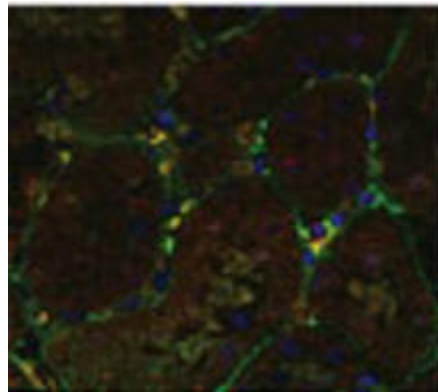
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CXC-R3; CD183; C-X-C chemokine receptor type 3; CXCR-3; Interferon-inducible protein 10 receptor; IP-10 receptor; CKR-L2; G protein-coupled receptor 9; GPR9; CXCR3

Accession No.: P49682

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD183.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



CD183 staining in rat kidney. Frozen rat ischemic kidney fixed in acetone is stained with CD183 Antibody (Cat. No. 251386). Data from Tsutahara K. et al. 2012 (red, CD183; green, CD161a; blue, DAPI staining).

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Tsutahara K et al. 2012. Nephrol Dial Transplant. 27 (10):3799-3806. PMID# 22904101. [2] Milicevic N et al. 2011. Medicine. Histochemistry And Cell Biology. 135(6): 593-601. PMID# 21611855.

For research use only, not for diagnostic or therapeutic procedures.