
CD183 (Rodent) Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252284

Unit: 0.1 mg

Description:

Chemokine receptor CXCR3 (CD183) is a G α i protein-coupled receptor in the CXC chemokine receptor family. Binding of CXCL9, CXCL10, and CXCL11 to CD183 is able to elicit increases in intracellular Ca²⁺⁺ levels and activate phosphoinositide 3-kinase and mitogen-activated protein kinase (MAPK). CD183 binds to CCL21 and is expressed in lymphoid organs and Th1 cells. CXCR3 has been implicated in the following diseases, atherosclerosis, multiple sclerosis, pulmonary fibrosis, type 1 diabetes, autoimmune myasthenia gravis, nephrotoxic nephritis, acute cardiac allograft rejection, and possibly Celiac Disease.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: M, 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; Cmkar3; CXCR3

Accession No.: O88410

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

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

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Tsutahara K et al. 2012. Nephrology Dialysis Transplantation. 27(10): 3799-3806. PMID# 22904101

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