

CCR2 polyclonal antibody

Catalog: BS90207

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

C-C or b chemokine family members are characterized by a pair of adjacent cysteine residues and serve as potent chemoattractants and activators of monocytes and T cells. C-C chemokine receptor family members include CKR-1, CKR-2A, CKR-2B, CKR-3, CKR-4, CKR-5, CKR-6, CKR-7, CKR-8, CKR-9, CKR-10 and the Duffy blood group antigen. Each of these receptors are G protein coupled, seven pass transmembrane domain proteins whose major physiological role is to function in the chemotaxis of T cells and phagocytic cells to areas of inflammation. However, this receptor family has also been shown to facilitate viral infection. CKR-2 (C-C chemokine receptor type 2) is a 374 amino acid multi-pass membrane protein that belongs to the C-C chemokine receptor family and is expressed as two isoforms, designated CKR-2A and CKR-2B. Both CKR-2 isoforms function as receptors for a variety of proteins, including MCP-1 and MCP-3, thereby influencing intracellular calcium levels and affecting signal transduction throughout the cell.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

42 kDa

Swiss-Prot:

P41597(Human) P51683(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

IHC:1:100-1:200

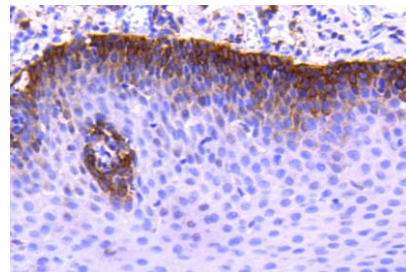
FC:1:50-1:100

Storage&Stability:

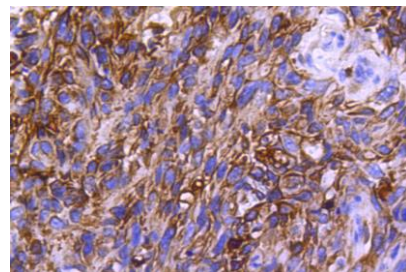
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

CCR2 polyclonal antibody detects endogenous levels of CCR2 protein.

DATA:

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CCR2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-CCR2 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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