

CCR7 Rabbit monoclonal antibody

Catalog: BS9847M

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

C-C chemokine receptor family members include CKR-1, CKR-2A, CKR-2B, CKR-3, CKR-4, CKR-5, CKR-6, CKR-7 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. Termed a “co-receptor”, CKR-5, along with CD4, has been shown to be a major receptor for HIV. CKR-5 tends to associate with macrophagetropic viruses, such as macrophage tropic HIV-1, while CKR-2B and CKR-3 bind a minority of viruses.

Product:

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

Molecular Weight:

~ 43 kDa

Swiss-Prot:

P32248

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:5000

ICC/IF: 1:50-1:200

IHC: 1:50-1:200

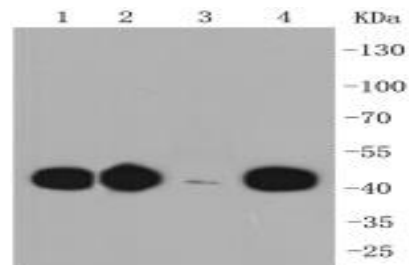
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of CCR7 and does not cross-react with related proteins.

DATA:



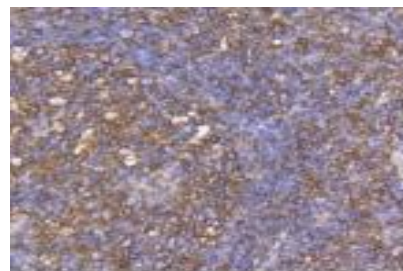
Western blot (WB) analysis of CCR7 Rabbit mAb at 1:1000 dilution

Lane1:MCF7 whole cell lysate

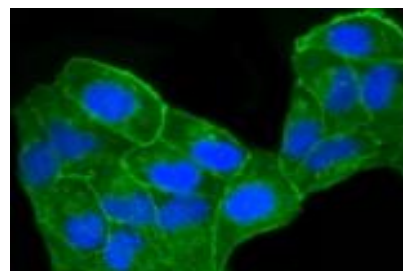
Lane2:PC12 whole cell lysate

Lane3:Daudi whole cell lysate

Lane4:Jurkat whole cell lysate



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CCR7 antibody. Counter stained with hematoxylin.



ICC staining CCR7 in HeLa cells (green). The nuclear counter stain is DAPI (blue).

Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Note:

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

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