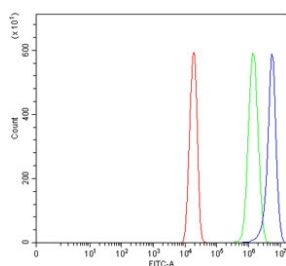


CCR7 Antibody (RQ6939)

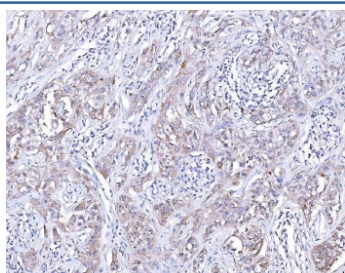
Catalog No.	Formulation	Size
RQ6939	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P32248
Applications	Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This CCR7 antibody is available for research use only.



Flow cytometry testing of human U-2 OS cells with CCR7 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CCR7 antibody.



IHC staining of FFPE human lymphoma tissue with CCR7 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

C-C chemokine receptor type 7 is a protein that in humans is encoded by the CCR7 gene. The protein encoded by this gene is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor. Signals mediated by this receptor regulate T cell homeostasis in lymph nodes, and may also function in the activation and polarization of T cells, and in chronic inflammation pathogenesis. Alternative splicing of this gene results in multiple transcript variants.

Application Notes

Optimal dilution of the CCR7 antibody should be determined by the researcher.

Immunogen

Recombinant human CCR7 protein (amino acids K332-E371) was used as the immunogen for the CCR7 antibody.

Storage

After reconstitution, the CCR7 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.