

## Anti-C-C chemokine receptor type 7 CCR7 Antibody

Catalog Number: A00390

### About CCR7

The CCR7 protein 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 (1,2). The chemokine (C-C motif) ligand 19 (CCL19) has been reported to be a specific ligand of this receptor (3).

### Overview

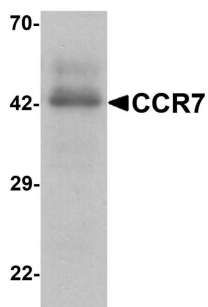
Product Name	Anti-C-C chemokine receptor type 7 CCR7 Antibody
Reactive Species	Human
Description	Boster Bio Anti-C-C chemokine receptor type 7 CCR7 Antibody (Catalog # A00390). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	CCR7 antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	CCR7 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P32248

### Technical Details

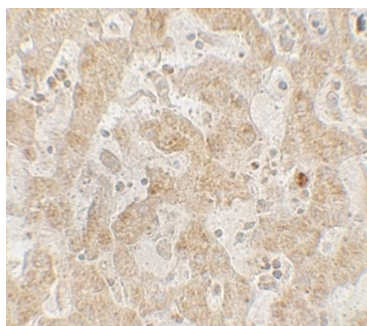
Immunogen	CCR7 antibody was raised against a 15 amino acid peptide near the center of human CCR7. The immunogen is located within amino acids 180 - 230 of CCR7.
Predicted Reactive Species	Bovine, Pig, Rat
Cross Reactivity	CCR7 antibody is human specific. CCR7 antibody is predicted to not cross-react with other CCR proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	CCR7 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	CCR7 antibody can be used for detection of CCR7 by Western blot at 1 - 2 ug/ml. Antibody can also

be used for Immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

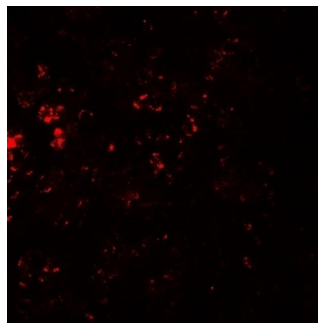
## Anti-C-C chemokine receptor type 7 CCR7 Antibody (A00390) Images



Western blot analysis of CCR7 in human spleen tissue lysate with CCR7 antibody at 1 ug/ml.



Immunohistochemistry of CCR7 in human spleen tissue with CCR7 antibody at 5 ug/mL.



Immunofluorescence of CCR7 in human spleen tissue with CCR7 antibody at 20 ug/mL.

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