

Datasheet for 600-401-AG5**CCR7 Antibody****Overview**

Description:	Anti-CCR7 (RABBIT) Antibody - 600-401-AG5
Item No.:	600-401-AG5
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	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).
Synonyms:	CCR7 Antibody, BLR2, EBI1, CD197, CDw197, CMKBR7, EVI1, C-C chemokine receptor type 7, BLR2, C-C CKR-7
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CCR7
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-CCR7 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid peptide near the internal region of human CCR7.

Purity/Specificity: Anti-CCR7 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. CCR7 antibody is human specific. CCR7 antibody is predicted to not cross-react with other CCR proteins.

Relevant Links:

- [UniProtKB - P32248](#)
- [GeneID - 1236](#)
- [NCBI - NP_001829](#)

Application Details

Tested Applications: ELISA, IF, IHC, WB

Application Note: Anti-CCR7 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 43 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000 - 1:20,000

IF: 20 µg/mL

IHC: 5 µg/mL

WB: 1-2 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

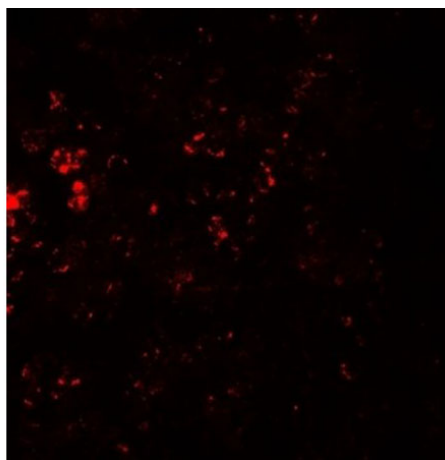
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration:

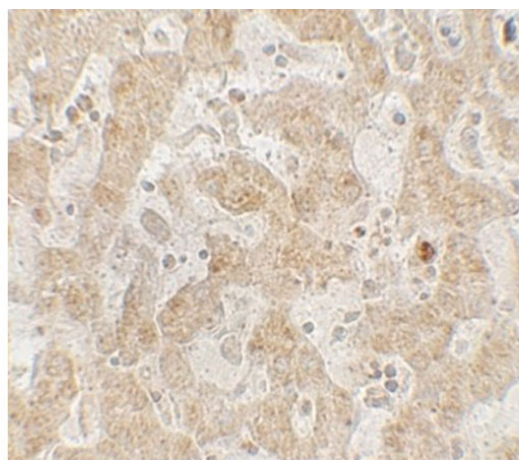
Expiration date is one (1) year from date of receipt.

Images**Immunofluorescence Microscopy**

Immunofluorescence of CCR7.

Tissue: human spleen tissue.

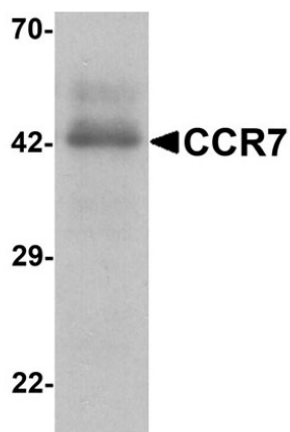
Primary Antibody: CCR7 antibody at 20 µg/mL.

**Immunohistochemistry**

Immunohistochemistry of CCR7.

Tissue: human spleen tissue.

Primary Antibody: CCR7 antibody at 5 µg/mL.

**Western Blot**

Western blot of CCR7.

Load: human spleen tissue lysate.

Primary Antibody: CCR7 antibody at 1 µg/ml.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.