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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

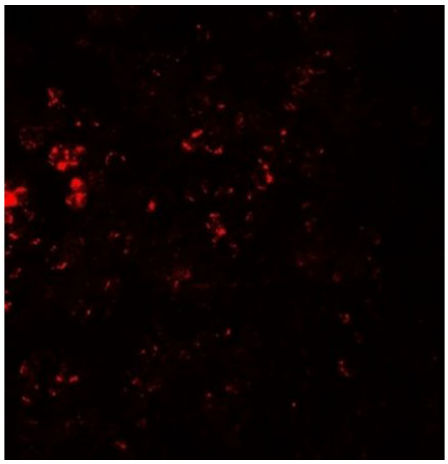
Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

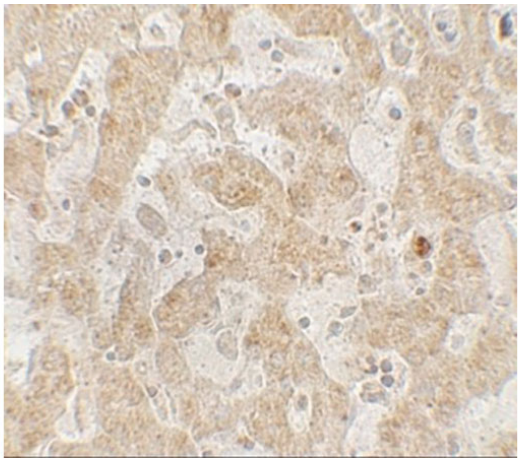
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several 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.

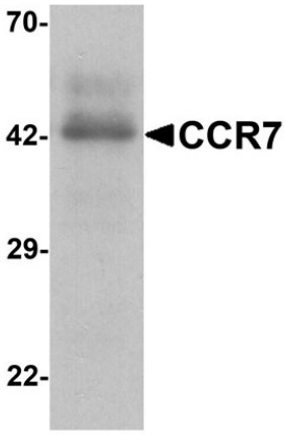
Images



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.

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