

Datasheet for 600-401-AG6**CCR8 Antibody****Overview**

Description:	Anti-CCR8 (RABBIT) Antibody - 600-401-AG6
Item No.:	600-401-AG6
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	CCR8 is one of the chemokine receptors that are required as coreceptors for HIV infection. The genes encoding human and murine CCR8 were cloned and designated TER1, CKR-L1, and ChemR1. The encoded seven transmembrane protein was identified as the receptor for human CC chemokine I-309 and renamed CCR8. Recently, CCR8 was found to serve as a coreceptor for diverse T-cell tropic, dual-tropic and macrophage-tropic HIV-1 strains. CCR8 mediates CC chemokine I-309 induced monocyte chemoattraction and HIV-1 envelope fusion and virus infection, which can be prevented by the CCR8 ligand I-309. CCR8 is expressed in spleen, thymus and T lymphoblastic cell lines.
Synonyms:	CCR8 Antibody, CY6, TER1, CCR-8, CKRL1, CDw198, CMKBR8, GPRCY6, CMKBRL2, CC-CKR-8
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CCR8
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-CCR8 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid peptide near the internal region of human CCR8.

Purity/Specificity: Anti-CCR8 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with CCR8 from other sources has not been determined.

Relevant Links:

- [UniProtKB - P51685](#)
- [GeneID - 1237](#)
- [NCBI - U45983](#)

Application Details

Tested Applications: ELISA, WB

Application Note: Anti-CCR8 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 41 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: 1:5,000

WB: 0.5 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

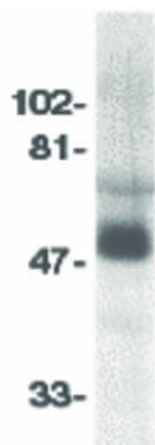
Shipping & Handling

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



Western Blot

Western Blot of CCR8 antibody. Lane 1: Human spleen lysate. Load: 35 µg per lane. Primary antibody: CCR8 antibody at 1:500 for overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 40.8 kDa, 55 kDa for CCR8. Other band(s): CCR8 splice variants and isoforms.

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.