Anti-CCR7 antibody ab1657

Overview

Product name: Anti-CCR7 antibody
Description: Goat polyclonal to CCR7
Host species: Goat
Specificity: Peptide sequence is < 50% identical to other mouse chemokine receptors in this region. The antibody has been tested in an academic lab on cells transfected with CCR7 receptor, we do not have information regarding its use against endogenous protein.

Tested applications: Suitable for: ELISA, Flow Cyt, IHC-P, WB
Species reactivity: Reacts with: Mouse, Human
Immunogen: Synthetic peptide:

DPGKPRKNLVALLVIFQVC
, corresponding to amino acids 2-22 of Mouse CCR7.

Positive control: IHC-P: Mouse spleen, human spleen. WB: cells transfected with CCR7 receptor

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer: Preservative: 0.1% Sodium azide
Constituent: 0.1% BSA
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab1657 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Function
Receptor for the MIP-3-beta chemokine. Probable mediator of EBV effects on B-lymphocytes or of normal lymphocyte functions.

Tissue specificity
Expressed in various lymphoid tissues and activated B- and T-lymphocytes, strongly up-regulated in B-cells infected with Epstein-Barr virus and T-cells infected with herpesvirus 6 or 7.

Sequence similarities
Belongs to the G-protein coupled receptor 1 family.

Cellular localization
Cell membrane.

Images

ab1657, at a dilution of 1/250, staining CCR7 in mouse spleen section by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Notes
ab37373 - Goat polyclonal IgG, is suitable for use as an isotype control with this antibody.

Application | Abreviews | Notes
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ELISA |  | 1/100000.
Flow Cyt |  | 1/10.
IHC-P | ⭐⭐⭐⭐⭐ | 1/250.
WB |  | 1/1000. Detects a band of approximately 43 kDa (predicted molecular weight: 43 kDa).

Abreviews
Anti-CCR7 antibody (ab1657) at 1 µg/ml + K562 (Human erythromyeloblastoid leukemia cell line) Whole Cell Lysate at 10 µg

Secondary
Rabbit polyclonal to Goat IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 43 kDa
Observed band size: 43 kDa

Exposure time: 20 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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