



CKR-1 Polyclonal Antibody

Cat #: ABP58165

Size: 30µl /100µl /200µl

Product Information

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| | Product Name: CKR-1 Polyclonal Antibody | | |
| | Applications: IHC-P, ELISA | | Isotype: Rabbit IgG |
| | Reactivity: Human | | |
| REF | Catalog Number: ABP58165 | LOT | Lot Number: Refer to product label |
| | Formulation: Liquid | | Concentration: 1 mg/ml |
|  | Storage: Store at -20°C. Avoid repeated freeze / thaw cycles. |  | Note: Contain sodium azide. |

Background: CCR1 encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. The ligands of this receptor include macrophage inflammatory protein 1 alpha (MIP-1 alpha), regulated on activation normal T expressed and secreted protein (RANTES), monocyte chemoattractant protein 3 (MCP-3), and myeloid progenitor inhibitory factor-1 (MPIF-1). Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. Knockout studies of the mouse homolog suggested the roles of CCR1 in host protection from inflammatory response, and susceptibility to virus and parasite. CCR1 and other chemokine receptor genes, including CCR2, CCRL2, CCR3, CCR5 and CXCR1, are found to form a gene cluster on chromosome 3p.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:50-1:200), ELISA (1:10000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

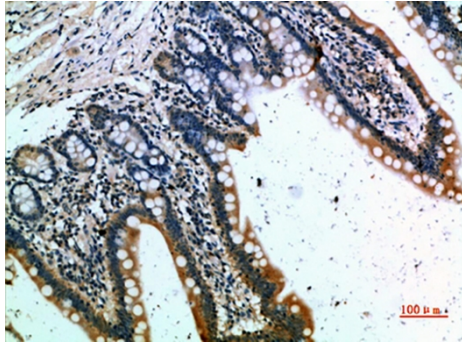


Fig.1. Immunohistochemical analysis of paraffin-embedded human-small-intestine, antibody was diluted at 1:200.

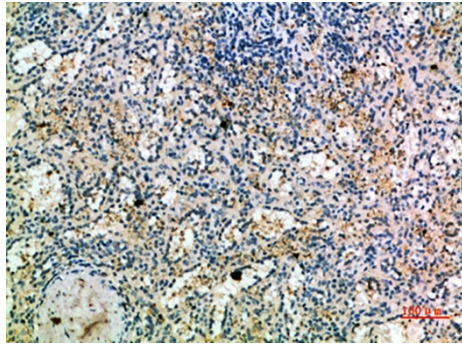


Fig.2. Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:200.

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