XCR1 Rabbit pAb

Catalog NO.: A20258

Basic Information

Observed MW
Refer to figures

Calculated MW
39kDa

Category
Polyclonal Antibodies

Applications
IHC-P, ELISA

Cross-Reactivity
Rat

Conjugation
Unconjugated

Background

The protein encoded by this gene is a chemokine receptor belonging to the G protein-coupled receptor superfamily. The family members are characterized by the presence of 7 transmembrane domains. The encoded protein transduces a signal by increasing the intracellular calcium ion level. The viral macrophage inflammatory protein-II is an antagonist of this receptor and blocks signaling. Some studies have implicated a cluster of genes at 3p21.31, including this gene, as associated with COVID-19 risk. The encoded protein may also play a role in cell proliferation and migration in several types of cancer.

Recommended Dilutions

IHC-P	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
2829

Swiss Prot
P46094

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
GPR5; CCXCR1; XCR1

Contact

Product Information

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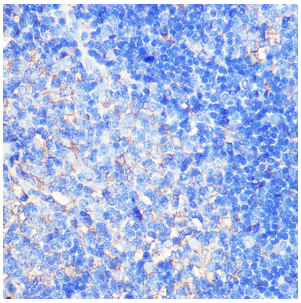
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Rat thymus using XCR1 Rabbit pAb (A20258) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

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