

Recombinant Monoclonal Anti-CCR8 Antibody, Mouse (11C4C1)

Catalog # HGS-M2406



Source

Recombinant Monoclonal Anti-CCR8 Antibody, Mouse (11C4C1) is a CCR8 primary antibody for IHC application.

Antibody Type

Recombinant Monoclonal

Clone

11C4C1

Isotype

Mouse IgG2a, Kappa

Host Species

Mouse

Reactivity

Human

Specificity

React with CCR8 protein on the membrane of target cell/tissue.

Application

Application	Recommended Use
IHC-P	1: 100-1: 500
Flow Cytometry	0.3-10 µg/mL

** Recommended dilutions are for reference only. Optimal working concentrations may vary depending on your consumables, reagents, and assay conditions. We recommend optimizing for your specific system. No warranty is made regarding performance at any specific dilution.*

Purification

Protein A purified.

Aggregation

Less than 10%, as determined by SEC-MALS.

Concentration

0.9~1.1 mg/ml

Form

Liquid

Formulation

Supplied a 0.22 µm-filtered solution in PBS containing 40% Glycerol, 0.03% Proclin 300 and 0.05% BSA, with Trehalose as protectant.

Please contact us for customized product forms or formulations.

Shipping

Liquid product is shipped at blue ice.

Storage

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- 2°C to 8°C for 14 days;
- -20°C to -70°C for 12 months.

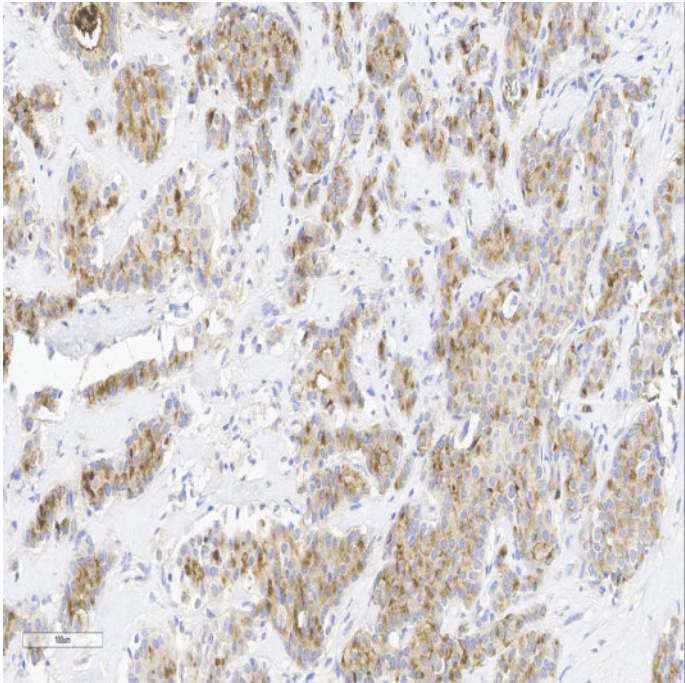
Notices

Product Specific Notices: For research use only.

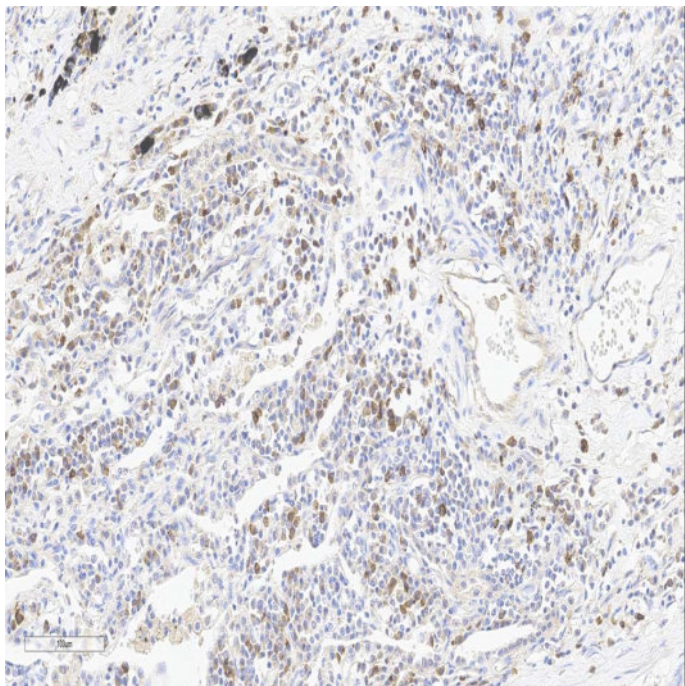
ACRO Quality Management System

- [QMS\(ISO, GMP\)](#).
- [Quality Advantages](#)
- [Quality Control Process](#)

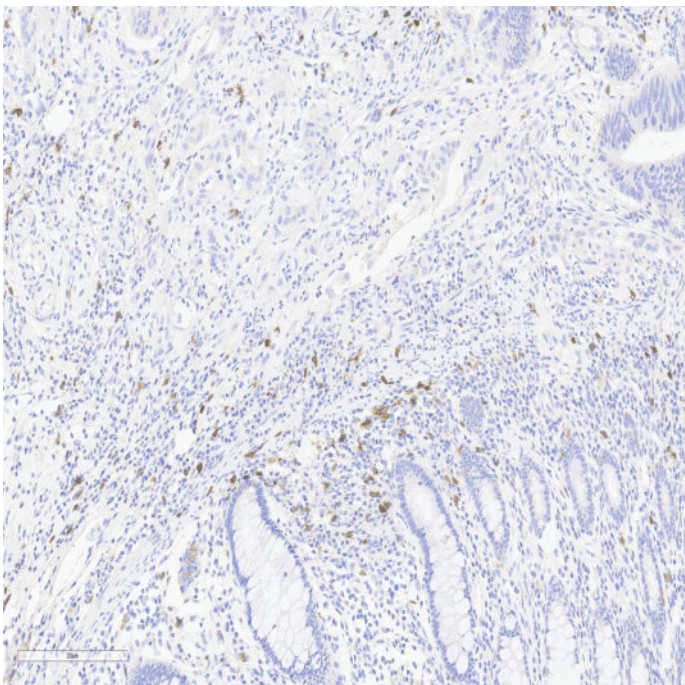
Sample Staining Data



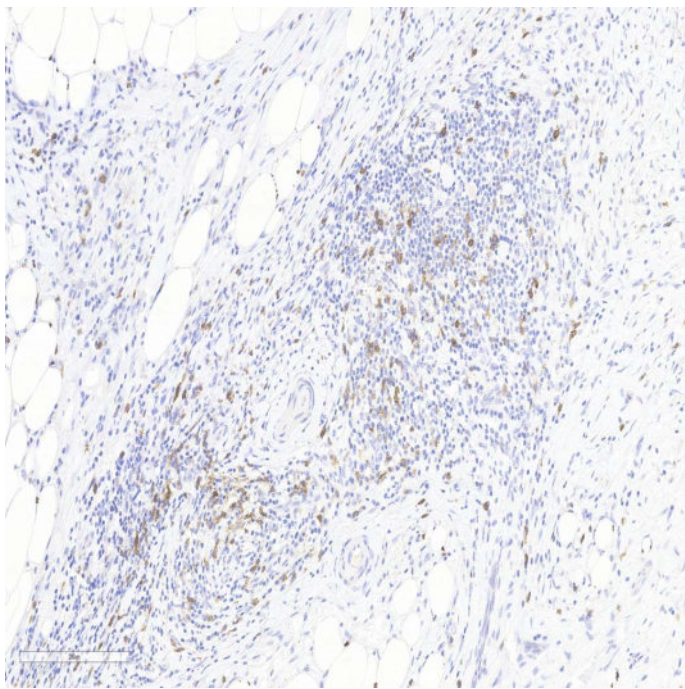
Immunohistochemical analysis of paraffin embedded human breast cancer tissue (20X) labeled with HGS-M2406 at 1:300 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with LEICA BOND IHC staining protocol.



Immunohistochemical analysis of paraffin embedded human lung squamous cancer tissue (20X) labeled with HGS-M2406 at 1:300 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with LEICA BOND IHC staining protocol.

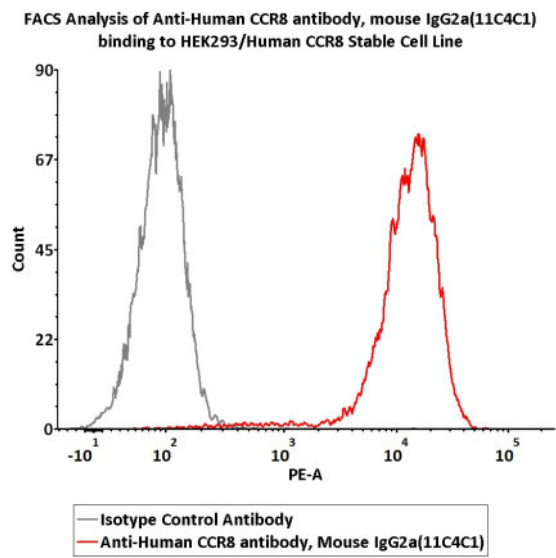


Immunohistochemical analysis of paraffin embedded human colorectal cancer tissue (20X) labeled with HGS-M2406 at 1:300 dilution.
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with LEICA BOND IHC staining protocol.



Immunohistochemical analysis of paraffin embedded human gastric cancer tissue (20X) labeled with HGS-M2406 at 1:300 dilution.
 Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with LEICA BOND IHC staining protocol.

Activity-Flow Cytometry



1e6 of HEK293/Human CCR8 Stable Cells Line were stained with 100 μ L of 1 μ g/mL of Anti-Human CCR8 Antibody, Mouse IgG2a (11C4C1) (Cat. No. HGS-MY2406) and isotype control antibody respectively, washed and then followed by PE anti-mouse IgG2a antibody and analyzed with FACS (QC tested).

Background

CCR8 encodes a G protein-coupled chemokine receptor that guides immune-cell trafficking and is primarily expressed in thymus, spleen, and natural killer cells. As a C-C motif chemokine receptor, it sits at the plasma membrane and membrane surface where it receives chemokine signals and links them to downstream signaling. CCR8 is over-expressed in a variety of tumors, such as breast cancer and lung squamous cancer.



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