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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07239 - Goat Anti-CCR2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: chemokine (C-C motif) receptor 2, HGNC:1603, CC-CKR-2, CCR2A, CCR2B, CKR2, CKR2A, CKR2B, CMKBR2, MCP-1-R, MCP-1 receptor, chemokine (C-C) receptor 2, monocyte chemoattractant protein 1 receptor, monocyte chemotactic protein 1 receptor

Official Symbol: CCR2

Accession Number(s): NP_000638.1; NP_000639.1

Human GeneID(s): [1231](#)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_000638.1 and NP_000639.1).

Immunogen

Peptide with sequence RFIRNTNESGEEVT-C, from the N Terminus of the protein sequence according to NP_000638.1; NP_000639.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

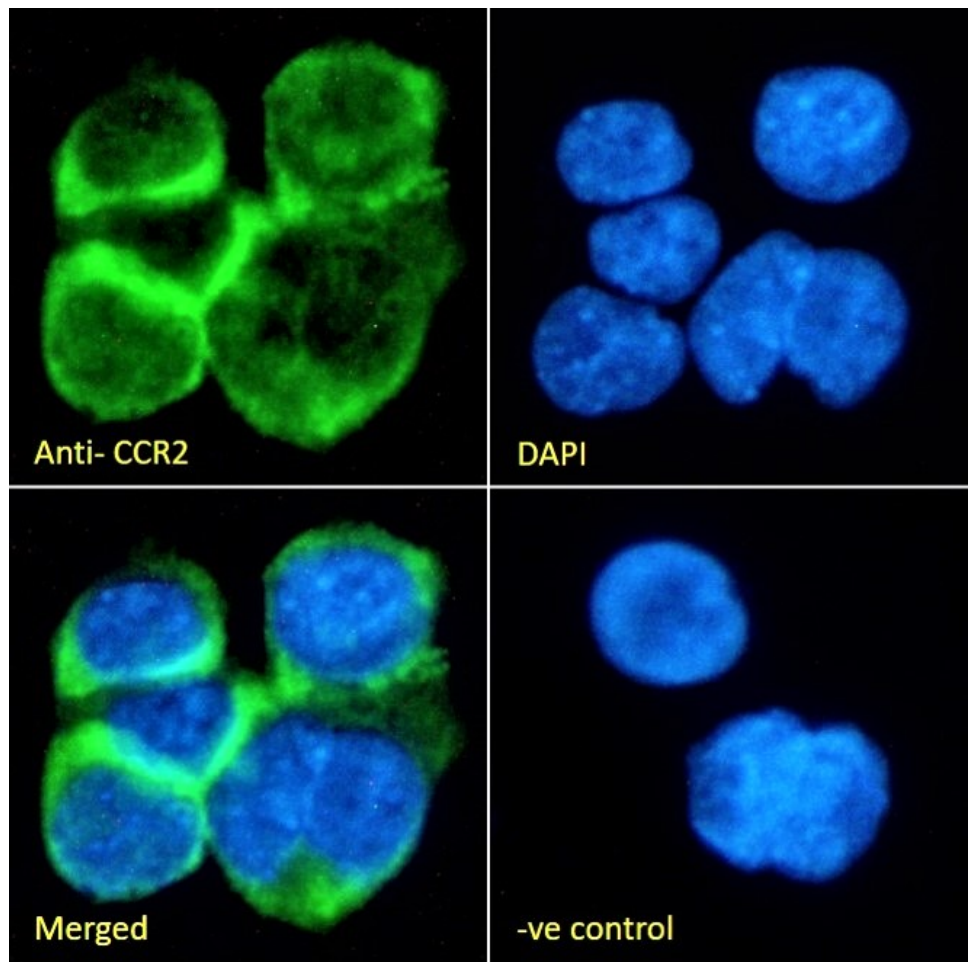
IHC: Paraffin embedded Human Tonsil. Recommended concentration: 6µg/ml.

Immunofluorescence: Strong expression of the protein seen in the membranes and cytoplasm of THP-1 cells. Recommended concentration: 10µg/ml.

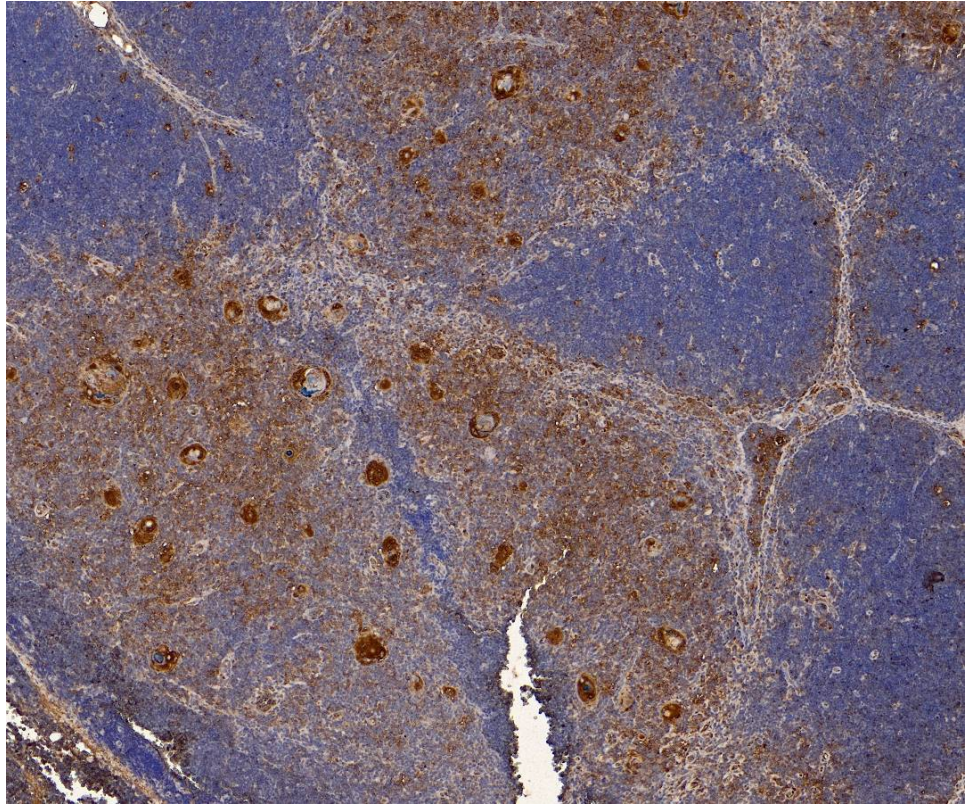
Species Reactivity

Tested: Human

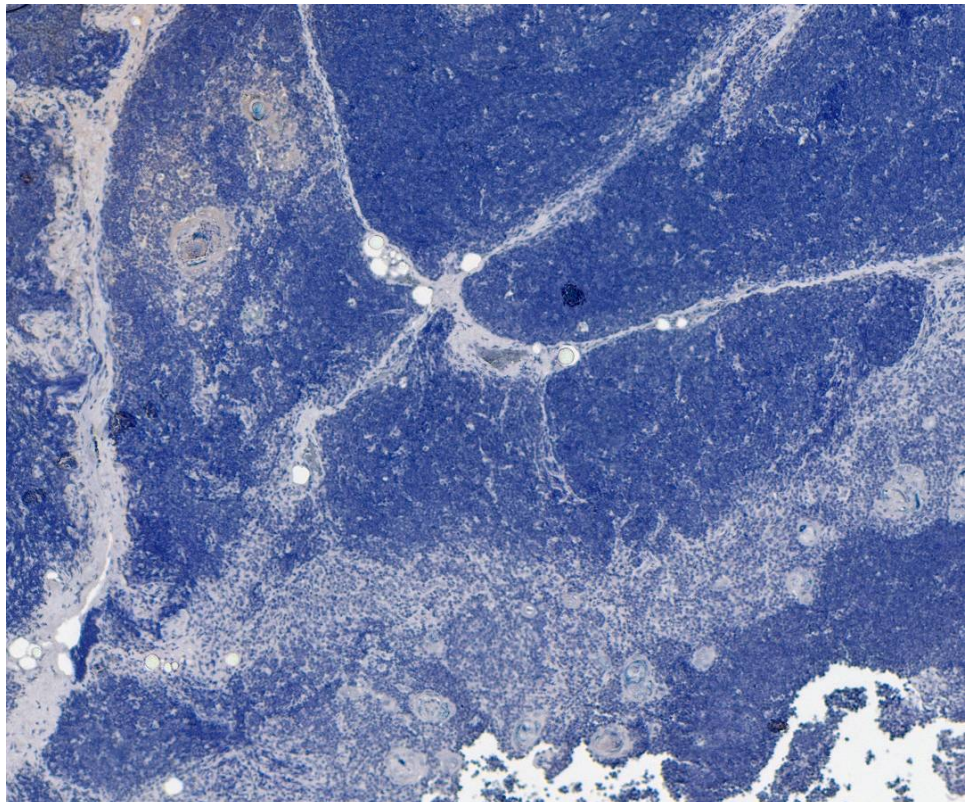
Expected from sequence similarity: Human



EB07239 Immunofluorescence analysis of paraformaldehyde fixed THP-1 cells immobilized on Shifix™ coverslip, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07239 (6µg/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07239 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.