

## Product datasheet for **AM26722PU-N**

### CCR2 Mouse Monoclonal Antibody [Clone ID: 7A7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	7A7
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry on paraffin sections</b> 10-20 µg/ml (1/40-1/20). Pretreatment with proteinase K required. <b>Immunohistochemistry on frozen tissues:</b> 4-8 µg/ml (1/100 - 1/50). Human tonsil is suggested as positive control tissue.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	DNA vaccine
Specificity:	This antibody detects Human CCR2B.
Formulation:	Phosphate buffered saline pH 7.2 (PBS) State: Purified State: Lyophilized affinity purified Ig fraction Stabilizer: 5 mg/ml BSA Preservative: 0.1% Kathon
Reconstitution Method:	Restore by adding 0.5 ml distilled water
Concentration:	0.4 mg/ml IgG (after reconstitution)
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 month or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine receptor 2



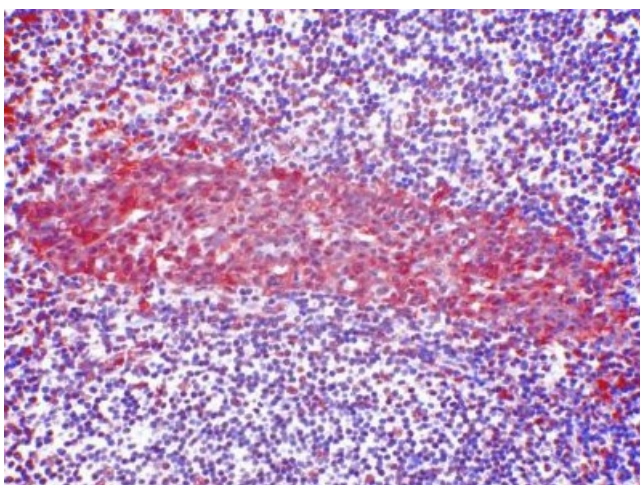
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**Database Link:** [Entrez Gene 729230 Human P41597](#)

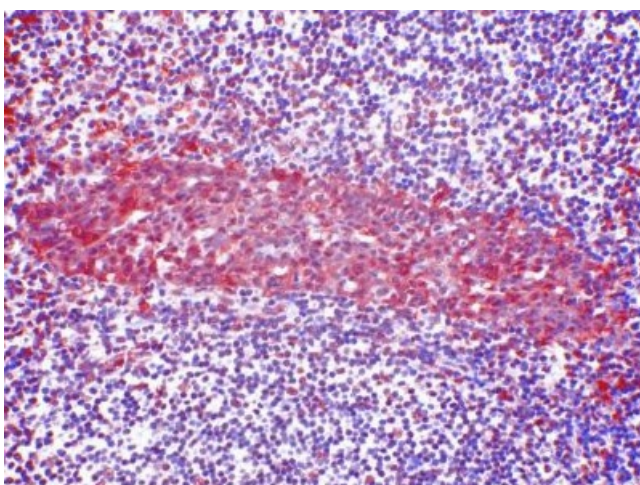
**Background:** CCR2B is a 374 amino acid protein that belongs to the G - protein coupled receptor 1 family with seven transmembrane domains. It mediates the chemotactic properties of monocyte chemoattractant protein 1 (MCP - 1) which is secreted by endothelial and epithelial cells, vascular smooth muscle and hematopoietic cells. MCP - 1 is a potent chemoattractant for monocytes and lymphocytes. It is responsible for monocyte infiltration in a variety of chronic inflammatory diseases.

**Synonyms:** C-C CKR-2, CC-CKR-2, CCR-2, CMKBR2

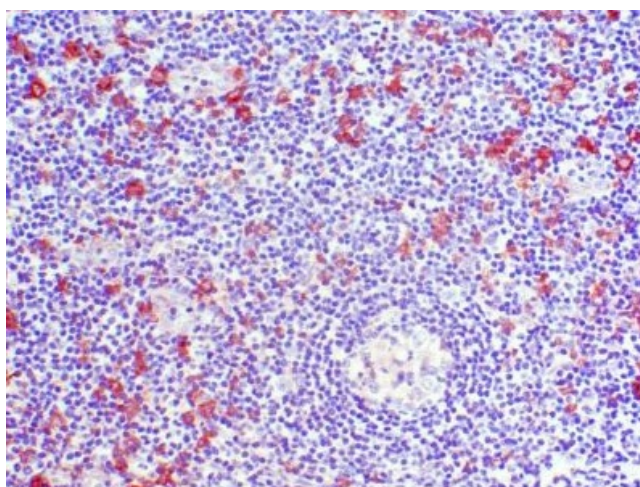
**Product images:**



Immunohistochemistry on paraffin sections:  
Staining with AM26722PU-N on Human tonsil.



Immunohistochemistry on paraffin sections:  
Staining with AM26722PU-N on Human tonsil.



Immunohistochemistry on paraffin sections:  
Staining with AM26722PU-N on Human tonsil.