

Product Datasheet

CCR2 Antibody NB100-701

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-701

CCR2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	10mM KHPO ₄ , 0.14M NaCl and 1.0 mg/ml BSA

Product Description	
Host	Goat
Gene ID	729230
Gene Symbol	CCR2
Species	Human, Mouse, Rat
Reactivity Notes	Human reported in literature (PMID: 21719683). Rat reactivity reported in scientific literature (PMID: 29359616).
Specificity/Sensitivity	Peptide sequence is < 50 % identical to other mouse chemokine receptors in this region.
Immunogen	Synthetic peptide: SHSLFTRSIQELDEGATTPYDYDDGEPK, corresponding to N terminal amino acids 18-45 of the N-terminal domain of Mouse CCR2.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:20, Immunohistochemistry 1:125, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:125
Application Notes	IHC-P: Antigen retrieval is not essential but may optimize staining. Optimal dilutions/concentrations should be determined by the end user. All dilutions given are minimums. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 19441102).

Publications

Yagura K, Ohtaki H, Tsumuraya T et al. The enhancement of CCL2 and CCL5 by human bone marrow-derived mesenchymal stem/stromal cells might contribute to inflammatory suppression and axonal extension after spinal cord injury PLoS ONE Mar 10 2020 12:00AM [PMID: 32155215] (IHC, Human)

Seki Ekihiro, De Minicis Samuele, Inokuchi Sayaka et al. CCR2 promotes hepatic fibrosis in mice. Hepatology 2009 [PMID: 19441102] (ICC/IF, Mouse)

Aye-Mon A, Hori K, Kozakai Y et al. CCR2 upregulation in DRG neurons plays a crucial role in gastric hyperalgesia associated with diabetic gastropathy Mol Pain 2018 Jan 24 [PMID: 29359616] (Rat)

Menasria R, Canivet C, Piret J et al. Both Cerebral and Hematopoietic Deficiencies in CCR2 Result in Uncontrolled Herpes Simplex Virus Infection of the Central Nervous System in Mice. PLoS ONE. Dec 8 2016 12:00AM [PMID: 27930721] (IHC, Mouse)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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