

# Product Datasheet

## CCR2 Antibody NBP1-48338SS

Unit Size: 0.025 ml

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

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**NBP1-48338SS**

## CCR2 Antibody

Product Information	
Unit Size	0.025 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 30% glycerol

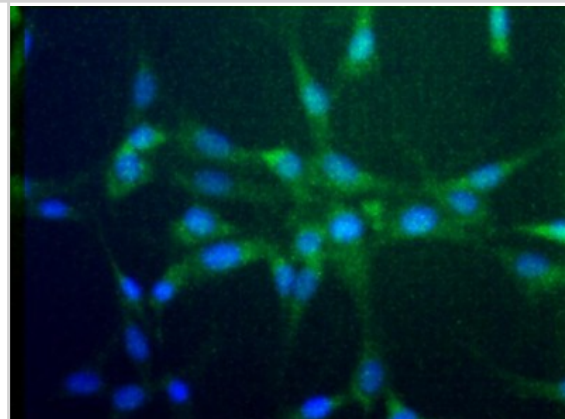
Product Description	
Host	Rabbit
Gene ID	729230
Gene Symbol	CCR2
Species	Mouse
Species Reactivity	Human and mouse.
Immunogen	Synthetic peptide made to an N-terminal portion of the mouse CCR2 protein (within residues 20-100). [Swiss-Prot# P51683]

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Flow Cytometry 1:50, Immunocytochemistry/Immunofluorescence 1:50
Application Notes	This CCR2 antibody is useful for Flow Cytometry and Immunocytochemistry/Immunofluorescence.

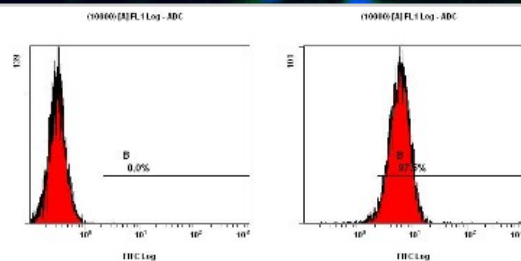


### Images

Immunocytochemistry/Immunofluorescence: CCR2 Antibody [NBP1-48338] - Analysis of CCR2 in NIH/3T3 cells



Flow Cytometry: CCR2 Antibody [NBP1-48338] - FACS analysis of CCR2 in NIH/3T3 cells



## Procedures

### Protocol specific for CCR2 Antibody (NBP1-48338)

#### Western Blot Protocol

1. Perform SDS-PAGE (4-12% MOPS) on samples to be analyzed, loading 40 ug of total protein per lane.
  2. Transfer proteins to Nitrocellulose according to the instructions provided by the manufacturer of the transfer apparatus.
  3. Rinse membrane with dH<sub>2</sub>O and then stain the blot using Ponceau S for 1-2 minutes to access the transfer of proteins onto the nitrocellulose membrane. Rinse the blot in water to remove excess stain and mark the lane locations and locations of molecular weight markers using a pencil.
  4. Rinse the blot in TBS for approximately 5 minutes.
  5. Block the membrane using 5% NFDM + 1% BSA in TBS + Tween, 1 hour at RT.
  6. Rinse the membrane in dH<sub>2</sub>O and then wash the membrane in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each.
  7. Dilute the rabbit anti-CCR2 primary antibody (NBP1-48338) in blocking buffer and incubate 1 hour at room temperature.
  8. Rinse the membrane in dH<sub>2</sub>O and then wash the membrane in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each.
  9. Apply the diluted rabbit-IgG HRP-conjugated secondary antibody in blocking buffer (as per manufacturers instructions) and incubate 1 hour at room temperature.
  10. Wash the blot in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each (this step can be repeated as required to reduce background).
  11. Apply the detection reagent of choice in accordance with the manufacturers instructions (Pierce ECL).
- Note: Tween-20 can be added to the blocking or antibody dilution buffer at a final concentration of 0.05-0.2%, provided it does not interfere with antibody-antigen binding.





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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.

**For more information on our guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

