

# Product Datasheet

## **CXCR2/IL-8RB Antibody (HC2) - Chimeric - Azide and BSA Free** **NBP3-12005-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP3-12005-0.2mg**

CXCR2/IL-8RB Antibody (HC2) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	HC2
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

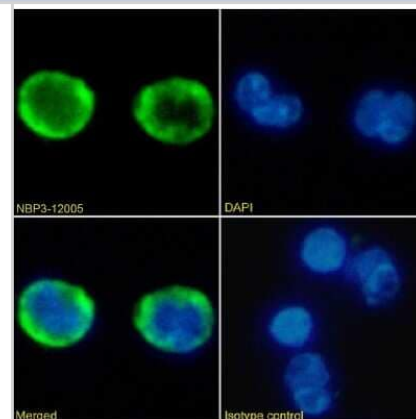
Product Description	
Description	Novus Biologicals Rabbit CXCR2/IL-8RB Antibody (HC2) - Chimeric - Azide and BSA Free (NBP3-12005) is a recombinant monoclonal antibody validated for use in ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3579
Gene Symbol	CXCR2
Species	Human
Specificity/Sensitivity	HC2 recognizes human C-X-C chemokine receptor type 2, (CXCR2). CD182 is a 360 amino acid multipass membrane glycoprotein and is expressed by neutrophils and monocytes, as well as by some subsets of T cells and endothelial cells.
Immunogen	This antibody was raised by immunizing mice with human IL-8 (interleukin-8) receptor, type B.

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

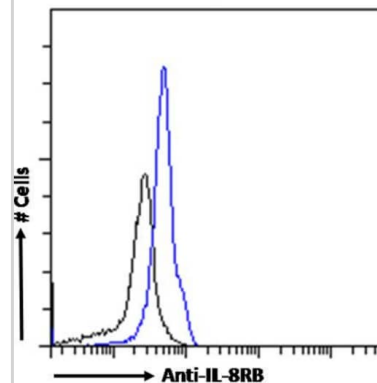


## Images

**Immunocytochemistry/Immunofluorescence: CXCR2/IL-8RB Antibody (HC2) - Chimeric [NBP3-12005] - Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leukocytes on Shi-fix (TM) coverslips stained with the chimeric rabbit IgG version of HC2 (NBP3-12005) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12005, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.**



**Flow Cytometry: CXCR2/IL-8RB Antibody (HC2) - Chimeric - Azide and BSA Free [NBP3-12005] - Paraformaldehyde fixed human peripheral blood monocytes were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-12005 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.**





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### Products Related to NBP3-12005-0.2mg

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00003579-P01-10ug	Recombinant Human CXCR2/IL-8RB GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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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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