

Product Datasheet

CCR5 [p Ser349] Antibody (E11/19) - Chimeric - Azide and BSA Free **NBP3-11995-0.2mg**

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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CCR5 [p Ser349] Antibody (E11/19) - 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	E11/19
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description

Host	Rabbit
Gene ID	1234
Gene Symbol	CCR5
Species	Human
Specificity/Sensitivity	The E11/19 monoclonal antibody binds to phosphoserine 349 corresponding to 22 c-terminal amino acid residue of human CCR5. CCR5 is a receptor for a number of inflammatory CC-chemokines including CCL3/MIP-1-alpha, CCL4/MIP-1-beta and RANTES.
Immunogen	This antibody was raised by immunizing mice with a synthetic phosphopeptide (CEAPER(pS)(pS)VYTR(pS)TGEQI(pS)VGL) corresponding to the C-terminal region of human CCR5.

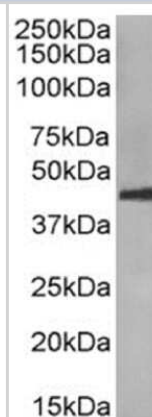
Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
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.

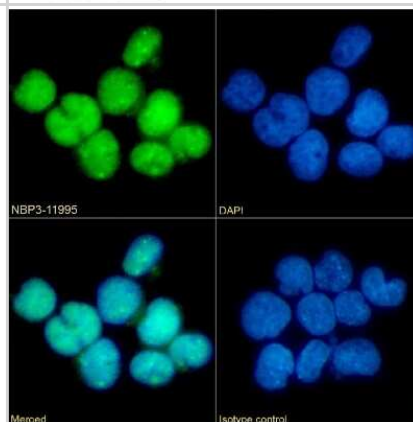


Images

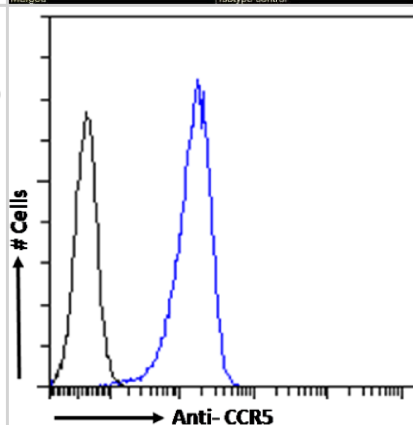
Western Blot: CCR5 [p Ser349] Antibody (E11/19) - Chimeric [NBP3-11995] - Molt4 cell lysate (35ug protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of E11/19 (NBP3-11995) at 0.1 ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: CCR5 [p Ser349] Antibody (E11/19) - Chimeric [NBP3-11995] - Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of E11/19 (NBP3-11995) 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 NBP3-11995, 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: CCR5 [p Ser349] Antibody (E11/19) - Chimeric - Azide and BSA Free [NBP3-11995] - U937 cells were fixed using 2% PFA and stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-11995 (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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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NB100-56337PEP	CCR5 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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