## **Product Datasheet**

### G-CSFR/CD114 Antibody (38643) [Janelia Fluor® 549] FAB3811I

Unit Size: 0.5 ml

Store at 4C in the dark.

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#### FAB38111

G-CSFR/CD114 Antibody (38643) [Janelia Fluor® 549]

Unit Size0.5 mlConcentrationPlease see the vial label for concentration. If unlisted please contact technical services.StorageStore at 4C in the dark.ClonalityMonoclonalClone38643Preservative0.05% Sodium AzideIsotypeIgG1ConjugateJanelia Fluor 549PurityProtein A or G purified from hybridoma culture supernatantBuffer50mM Sodium BorateProduct Description1441Gene ID1441Gene SymbolCSF3RReactivity Notes0Specificity/SensitivityDetects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G-CSF, rhGM-CSF R, rhGM-CSF R, or recombinant human GrCSF R/CD114 Accession # Q99062NotesSold under license from the Howard Hughes Medical Institute, Janelia Research (Matched Antibody Pair), ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF- readyApplication NotesOptimal dilution of this antibody should be experimentally determined.	Product Information	
services.StorageStore at 4C in the dark.ClonalityMonoclonalClone38643Preservative0.05% Sodium AzideIsotypeIgG1ConjugateJanelia Fluor 549PurityProtein A or G purified from hybridoma culture supernatantBuffer50mM Sodium BorateProduct DescriptionMouseGene ID1441Gene SymbolCSF3RReactivity Notes0Specificity/SensitivityDetects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G_CSF, rhGM_CSF Rβ, rhGM_CSF R, or recombinant human (rh) G_CSF, rhGM_CSF Rβ, rhGM_CSF R, or recombinant human G-CSF R/CD114 diu25-Pro621 Accession # Q99062NotesSold under license from the Howard Hughes Medical Institute, Janelia Research Campus.Product Application DetailsWestern Blot, Flow Cytometry, ELISA Detection (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF- ready	Unit Size	0.5 ml
ClonalityMonoclonalClone38643Preservative0.05% Sodium AzideIsotypeIgG1ConjugateJanelia Fluor 549PurityProtein A or G purified from hybridoma culture supernatantBuffer50mM Sodium BorateProduct DescriptionMouseHostMouseGene ID1441Gene SymbolCSF3RReactivity Notes0Specificity/SensitivityDetects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G□CSF, rtrGM□CSF Rβ, rhGM□CSF R, or recombinant human (rh) G□CSF, rtrGM□CSF Rβ, rhGM□CSF R, or recombinant human G-CSF R/CD114 GluZS-Pro621 Accession # Q99062NotesSold under license from the Howard Hughes Medical Institute, Janelia Research campus.Product Application Details Recommended DilutionsWestern Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF- ready	Concentration	
Clone38643Preservative0.05% Sodium AzideIsotypeIgG1ConjugateJanelia Fluor 549PurityProtein A or G purified from hybridoma culture supernatantBuffer50mM Sodium BorateProduct DescriptionMouseHostMouseGene ID1441Gene SymbolCSF3RReactivity Notes0Specificity/SensitivityDetects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) GCSF, rhGM_CSF R, or recombinant human G-CSF R/CD114ImmunogenKouse well GluZS-Pro621 Accession # Q99062NotesSold under license from the Howard Hughes Medical Institute, Janelia Research Campus.Product Application Details Recommended DilutionsWestern Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF- ready	Storage	Store at 4C in the dark.
Preservative 0.05% Sodium Azide   Isotype IgG1   Conjugate Janelia Fluor 549   Purity Protein A or G purified from hybridoma culture supernatant   Buffer 50mM Sodium Borate   Product Description Host   Host Mouse   Gene ID 1441   Gene Symbol CSF3R   Reactivity Notes 0   Specificity/Sensitivity Detects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G°CSF, rhGM°CSF R, or recombinant mouse G°CSF is observed.   Immunogen Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF-ready	Clonality	Monoclonal
Isotype   IgG1     Conjugate   Janelia Fluor 549     Purity   Protein A or G purified from hybridoma culture supernatant     Buffer   50mM Sodium Borate     Product Description   Mouse     Gene ID   1441     Gene Symbol   CSF3R     Reactivity Notes   0     Specificity/Sensitivity   Detects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich limmunoassays, no cross-reactivity with recombinant human (rh) GCSF, rhGM_CSF R, or recombinant mouse G_CSF is observed.     Immunogen   Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062     Notes   Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.     Product Application Details   Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), CyTOF-ready	Clone	38643
Conjugate Janelia Fluor 549   Purity Protein A or G purified from hybridoma culture supernatant   Buffer 50mM Sodium Borate   Product Description Mouse   Gene ID 1441   Gene Symbol CSF3R   Reactivity Notes 0   Specificity/Sensitivity Detects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G_CSF, rhGM_CSF R, or recombinant nouse G_CSF is observed.   Immunogen Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), CyTOF-ready	Preservative	0.05% Sodium Azide
Purity Protein A or G purified from hybridoma culture supernatant   Buffer 50mM Sodium Borate   Product Description Host   Host Mouse   Gene ID 1441   Gene Symbol CSF3R   Reactivity Notes 0   Specificity/Sensitivity Detects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G□CSF, rhGM□CSF R, rhGM□CSF R, or recombinant mouse G□CSF is observed.   Immunogen Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), CyTOF-ready	Isotype	IgG1
Buffer 50mM Sodium Borate   Product Description Mouse   Host Mouse   Gene ID 1441   Gene Symbol CSF3R   Reactivity Notes 0   Specificity/Sensitivity Detects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G□CSF, rhGM□CSF Rβ, rhGM□CSF R, or recombinant mouse G□CSF is observed.   Immunogen Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), CyTOF-ready	Conjugate	Janelia Fluor 549
Product Description Mouse   Host Mouse   Gene ID 1441   Gene Symbol CSF3R   Reactivity Notes 0   Specificity/Sensitivity Detects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G_CSF, rhGM_CSF RB, rhGM_CSF R, or recombinant mouse G_CSF is observed.   Immunogen Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), CyTOF-ready	Purity	Protein A or G purified from hybridoma culture supernatant
HostMouseGene ID1441Gene SymbolCSF3RReactivity Notes0Specificity/SensitivityDetects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) GCSF, rhGMCSF Rβ, rhGMCSF R, or recombinant mouse GCSF is observed.ImmunogenMouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062NotesSold under license from the Howard Hughes Medical Institute, Janelia Research Campus.Product Application DetailsWestern Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF- ready	Buffer	50mM Sodium Borate
Gene ID 1441   Gene Symbol CSF3R   Reactivity Notes 0   Specificity/Sensitivity Detects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G CSF, rhGM CSF Rβ, rhGM CSF R, or recombinant mouse G CSF is observed.   Immunogen Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF- ready	Product Description	
Gene Symbol CSF3R   Reactivity Notes 0   Specificity/Sensitivity Detects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G_CSF, rhGM_CSF Rβ, rhGM_CSF R, or recombinant mouse G_CSF is observed.   Immunogen Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), CyTOF-ready	Host	Mouse
Reactivity Notes 0   Specificity/Sensitivity Detects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) G CSF, rhGM CSF Rβ, rhGM CSF R, or recombinant mouse G CSF is observed.   Immunogen Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), CyTOF-ready	Gene ID	1441
Specificity/SensitivityDetects human G-CSF R/CD114 in ELISAs and Western blots. In sandwich Immunoassays, no cross-reactivity with recombinant human (rh) GCSF, rhGMCSF Rβ, rhGMCSF R, or recombinant mouse GCSF is observed.ImmunogenMouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114 Glu25-Pro621 Accession # Q99062NotesSold under license from the Howard Hughes Medical Institute, Janelia Research Campus.Product Application Details Recommended DilutionsWestern Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF- ready	Gene Symbol	CSF3R
Immunoassays, no cross-reactivity with recombinant human (rh) G□CSF,   rhGM□CSF Rβ, rhGM□CSF R, or recombinant mouse G□CSF is observed.   Immunogen Mouse myeloma cell line NS0-derived recombinant human G-CSF R/CD114   Glu25-Pro621 Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), CyTOF-ready	Reactivity Notes	0
Glu25-Pro621   Accession # Q99062   Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   Product Application Details   Recommended Dilutions Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF-ready	Specificity/Sensitivity	Immunoassays, no cross-reactivity with recombinant human (rh) G CSF,
Campus.   Product Application Details   Recommended Dilutions   Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF-ready	Immunogen	Glu25-Pro621
Recommended Dilutions Western Blot, Flow Cytometry, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF-ready	Notes	<b>U</b>
(Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF- ready	Product Application Details	
Application Notes Optimal dilution of this antibody should be experimentally determined.	Recommended Dilutions	(Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF-
	Application Notes	Optimal dilution of this antibody should be experimentally determined.

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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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