

## Product Datasheet

### CD131 Antibody [BION-1], Rabbit IgG (orb1671811)

<b>Catalog Number</b>	orb1671811
<b>Description</b>	CD131 Antibody [BION-1], Rabbit IgG
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	Blocking, Crystallography, FA, IHC, IP, WB
<b>Immunogen</b>	<p>BALB/c mice were immunized intraperitoneally with COS cells transfected DQP (Domain 4 of the common beta-chain) expression constructs. The immunizations were repeated 4 times at 2-week intervals. Four weeks after the final immunization, a mouse was boosted with COS transfectants intravenously. Three days later, splenocytes were harvested and fused with NS-1 myeloma cells. Hybridoma supernatants were screened on CHO DQP cells by flow cytometry, with untransfected CHO cells as a control. All antibodies were from single hybridoma clones as selected by a limiting dilution method. MoAbs were purified from ascites fluid or hybridoma supernatant by a protein A sepharose column.</p>
<b>Target</b>	CSF2RB
<b>Preservatives</b>	PBS with 0.02% Proclin 300.
<b>Concentration</b>	batch dependent
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Isotype</b>	IgG kappa
<b>Clonality</b>	Recombinant

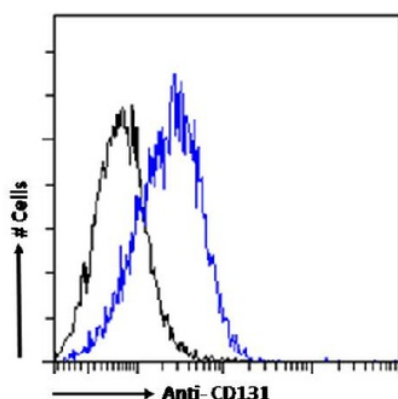
#### Biorbyt Ltd.

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

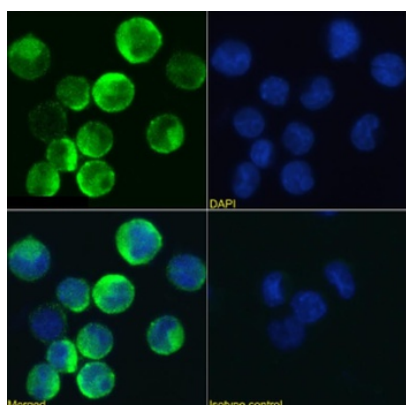
#### Biorbyt LLC.

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

<b>Clone Number</b>	BION-1
<b>Antibody Type</b>	Primary Antibody
<b>Uniprot ID</b>	<b>P32927</b>
<b>Expiration Date</b>	12 months from date of receipt.



Flow-cytometry using the Anti-CD131 antibody BION-1. U937 cells were stained with anti-Fluorescein IgG antibody (4-4-20; isotype control - black line) or the r version of BION-1 (orb1671811 - blue line) at a dilution of 1:100 for 1h at RT. After washing- bound antibody was detected using a goat anti-r AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Immunofluorescence staining of U937 cells using anti-CD131 antibody (BION-1). Immunofluorescence analysis of paraformaldehyde fixed U937 cells immobilized on Shi-fix™ cover-slips and stained with the chimeric r version of BION-1 (orb1671811) at 10 ug/ml followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom orb1671811- DAPI- merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody (3.0) followed by Alexa Fluor® 488 secondary antibody.

**Biorbyt Ltd.**

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+441223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)