

Product Datasheet

CD133 Rabbit Polyclonal Antibody (orb526485)

Description	CD133 Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Mouse
Conjugation	Unconjugated
Tested Applications	FC, WB
Immunogen	KLH conjugated synthetic peptide derived from human CD133 (508-552/865aa)
Target	PROM1
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
Storage	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.
Note	For research use only
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	95 kDa
Uniprot ID	O43490
Dilution Range	WB=1:500-2000, Flow-Cyt=1µg/Test

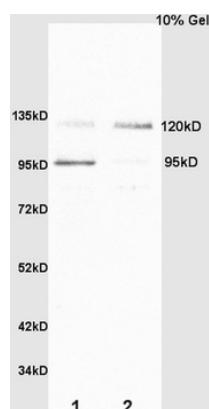
Biorbyt Ltd.

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

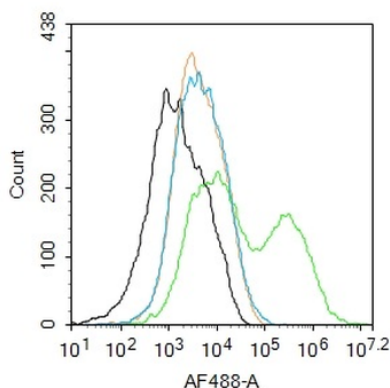
Biorbyt LLC.

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

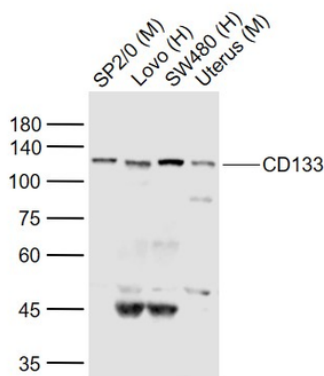
Expiration Date 12 months from date of receipt.



Sample: SP2/0 Cell (Mouse) Lysate at 40 ug, Colon carcinoma (Human) Lysate at 40 ug, Primary: Anti-CD133 (orb526485) at 1/300 dilution, Secondary: HRP conjugated Goat-Anti-rabbit IgG (orb572747) at 1/5000 dilution, Predicted band size: 95 kD, Observed band size: 95/120 kD.



Blank control: Mouse kidney. Primary Antibody (green line): Rabbit Anti-CD133 antibody (orb526485), dilution: 2 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF488, dilution: 1 µg/Test. Protocol, The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



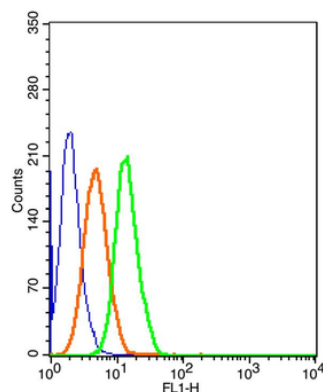
Sample: Lane 1: SP2/0 (Mouse) Cell Lysate at 30 ug Lane 2: Lovo (Human) Cell Lysate at 30 ug Lane 3: SW480 (Human) Cell Lysate at 30 ug Lane 4: Uterus (Mouse) Lysate at 40 ug Primary: Anti-CD133 (orb526485) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 110 kD Observed band size: 115 kD.

Biorbyt Ltd.

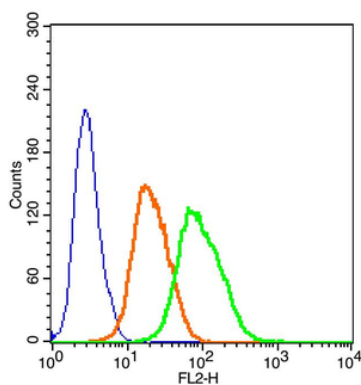
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

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



The blue histogram is unstained cells (HepG 2). The Orange histogram is cells stained with Rabbit IgG/FITC (orb525556), The green histogram is cells stained with Rabbit Anti-CD133/FITC Conjugated antibody. Isotype control: Cell lines treated with Rabbit IgG/FITC (orb525556) instead of the primary antibody to confirm that primary antibody binding is 2 µg/5 µg/1 µg in 100 µl 1X PBS containing 0.5% BSA.



The blue histogram is unstained cells (HepG 2). The Orange histogram is cells stained with Rabbit IgG/PE, The green histogram is cells stained with Rabbit Anti-CD133/PE Conjugated antibody. Isotype control: Cell lines treated with Rabbit IgG/PE instead of the primary antibody to confirm that primary antibody binding is specific. 2 µg/5 µg/10 µg in 100 µl 1X PBS containing 0.5% BSA.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, 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, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)