

Product Datasheet

Anti-CD40 antibody(DM100), Rabbit mAb (orb1174068)

Catalog Number	orb1174068
Description	Anti-CD40 antibody(DM100), Rabbit mAb
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, FC, IHC, WB
Target	CD40
Form/Appearance	Liquid
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
Application notes	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Isotype	Rabbit IgG
Clonality	Monoclonal
Clone Number	DM100
Antibody Type	Recombinant Antibody
Uniprot ID	P25942

Biorbyt Ltd.

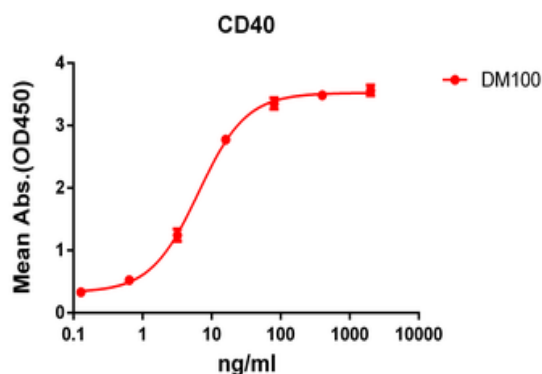
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

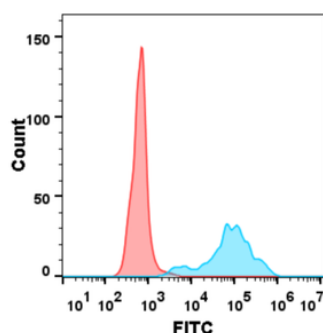
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Dilution Range ELISA 1/5000-10000|Flow Cyt 1/100

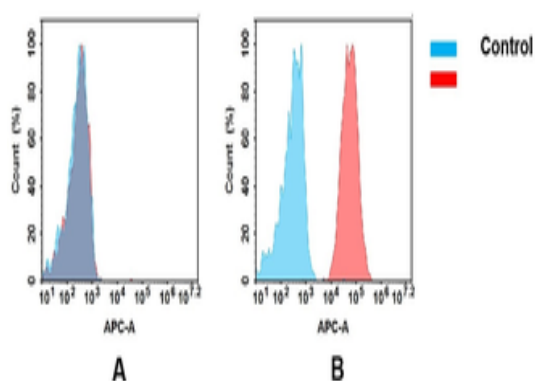
Expiration Date 12 months from date of receipt.



ELISA plate pre-coated by 2 µg/ml (100 µL/well) Human CD40 protein, mFc-His tagged protein orb689376 can bind Rabbit anti-CD40 monoclonal antibody (clone: DM100) in a linear range of 0.64-80 ng/ml.



A. Flow cytometry analysis with Anti-CD40 (DM100) on Expi293 cells transfected with human CD40 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



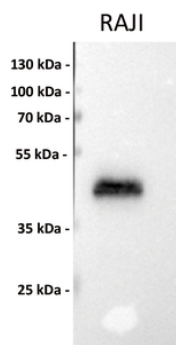
Flow cytometry analysis of antigen binding of rabbit anti-human CD40 mAb (orb1174068). (A) orb1174068 does not bind to Jurkat cells that do not express CD40. (B) A clear peak shift of orb1174068 was seen compared to the control when incubated with CD40-expressing Raji cells, indicating strong binding of orb1174068 to CD40. Antibodies were incubated at 2 µg/mL.

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:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

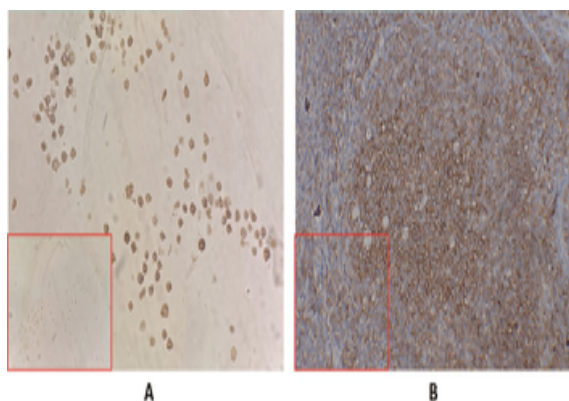
Biorbyt LLC.

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



CD40-DM100

Anti-CD40 antibody (SKU# orb1174068) at 1/1000 dilution. Lane: Raji (human Burkitt's lymphoma B lymphocyte), whole cell lysate. Secondary: Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution. Predicted band size: 30 kDa. Observed band size: 45 kDa



A. orb1174068 at 10 µg/ml staining CD40 in Raji cells by IHC (SKU# orb1174068); B. orb1174068 at 10 µg/ml staining CD40 in human tonsil tissue by IHC (SKU# orb1174068)

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)