

Product Datasheet

CD38 Antibody (orb689348)

Catalog Number	orb689348
Category	Antibodies
Description	Anti-CD38 antibody(DM28), Rabbit mAb
Target	CD38
Clonality	Monoclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Liquid
Reconstitution	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.
Purification	Purified from cell culture supernatant by affinity chromatography
UniProt ID	P28907
Tested applications	ELISA, FC, IHC, WB
Dilution range	ELISA 1/5000-10000 Flow Cyt 1/100
Antibody Type	Recombinant Antibody
Clone Number	DM28

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Storage

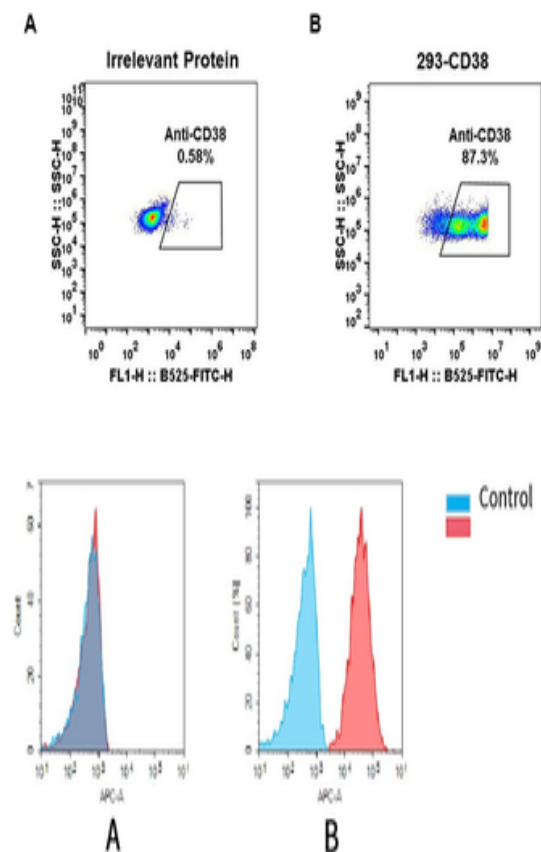
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only

Expiration Date

12 months from date of receipt.



Expi 293 cell line transfected with irrelevant protein (left) and human CD38 (right) were surface stained with Rabbit anti-CD38 monoclonal antibody 1 µg/ml (clone: DM28) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

Flow cytometry analysis of antigen binding of rabbit anti-human CD38 mAb (orb689348). (A) orb689348 does not bind to 293T cells that do not express CD38. (B) A clear peak shift of orb689348 was seen compared to the control when incubated with CD38-expressing H929 cells, indicating strong binding of orb689348 to CD38. Antibodies were incubated at 5 µg/mL.

Biorbyt Ltd.

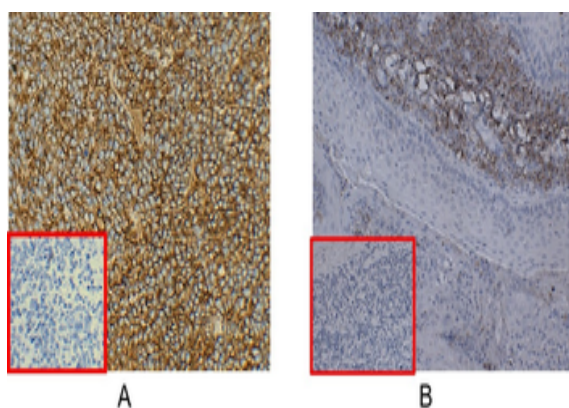
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

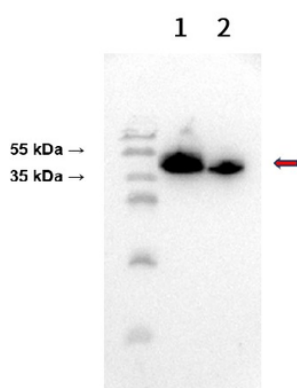
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

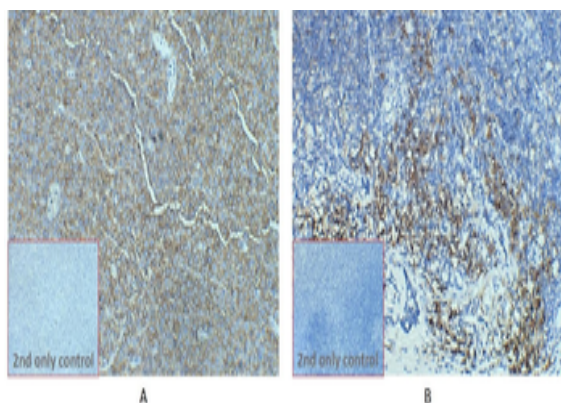
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



A. orb689348 at 5 μ g/ml staining CD38 in RPMI-8226 MM xenografts in NSG mice by IHC (SKU# orb689348); B: orb689348 at 5 μ g/ml staining CD38 in human tonsil tissue by IHC (SKU# orb689348);



Western blot analysis of CD38 protein using Anti-CD38 antibody (Cat. orb689348) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H L) at 1:5000 dilution. 1. MM.1S cell lysate (native CD38 protein). 2. H929 cell lysate (native CD38 protein)



A. orb689348 at 10 μ g/ml staining CD38 in M-NSG Daudi DiSliceX SlideSet section by IHC (SKU# orb689348); B. orb689348 at 10 μ g/ml staining CD38 in human tonsil tissue by IHC (SKU# orb689348).

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558