

Product Datasheet

Anti-CD27 [LG.3A10] (orb613904)

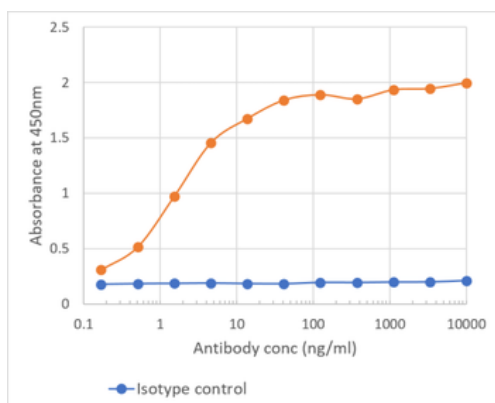
Description	Hamster monoclonal antibody to CD27
Species/Host	Hamster
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, IF, IP
Immunogen	This antibody was produced by injecting Armenian hamsters intraperitoneally with a mixture of two murine CD27 tag-expressing Armenian hamster fibroblast clones (AR0524 and AR0530) in Freund's adjuvant
Target	CD27
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/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	Monoclonal
Clone Number	LG.3A10
Purity	Purified
Uniprot ID	P41272
Expiration Date	12 months from date of receipt.

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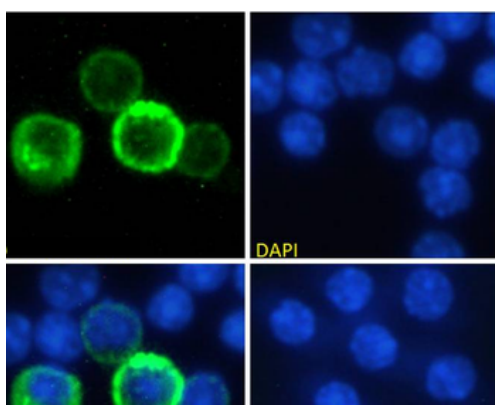
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

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)



Binding curve of anti-CD27 antibody LG.3A10 (orb613905) to mouse CD27-Fc fusion protein ELISA Plate coated with mouse CD27-Fc fusion protein at a concentration of 5 µg/ml. A 3-fold serial dilution from 10000 to 0.1 ng/ml was performed using orb613905. For detection, a 1:4000 dilution of HRP-labelled goat anti-rabbit antibody was used.



Immunofluorescence staining of fixed mouse splenocytes with anti-CD27 antibody LG.3A10. Immunofluorescence analysis of paraformaldehyde fixed mouse (*Mus musculus*) splenocytes on Shi-fix™ coverslips, permeabilized with 0.15% Triton stained with the chimeric rabbit version of LG.3A10 (orb613905) at 10 µg/ml for 1h followed by Alexa Fluor® 488 secondary antibody (1 µg/ml), showing membrane and some cytoplasmic staining in a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom orb613905, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor® 488 secondary antibody.

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7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
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Phone: [+44 \(0\) 1223 859-353](tel:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

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Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)