

Product Datasheet

Anti-PDL1 [YDC 127.1.1] (orb613833)

Catalog Number	orb613833
Category	Antibodies
Description	Rat monoclonal antibody to PDL1
Target	PDL1
Clonality	Monoclonal
Species/Host	Rat
Isotype	IgG2a
Conjugation	Unconjugated
Reactivity	Mouse
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% Proclin 300.
Purity	Purified
Immunogen	Murine PDL1.
UniProt ID	Q9EP73
Tested applications	FC
Specificity	This antibody binds to murine PDL1.
Clone Number	YDC 127.1.1

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

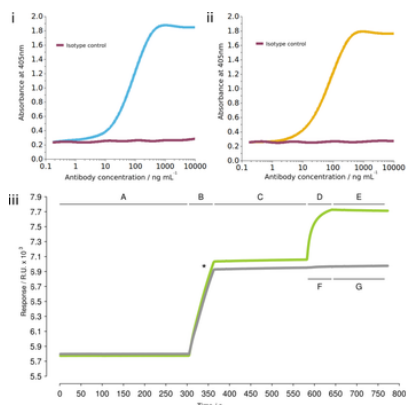
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Storage

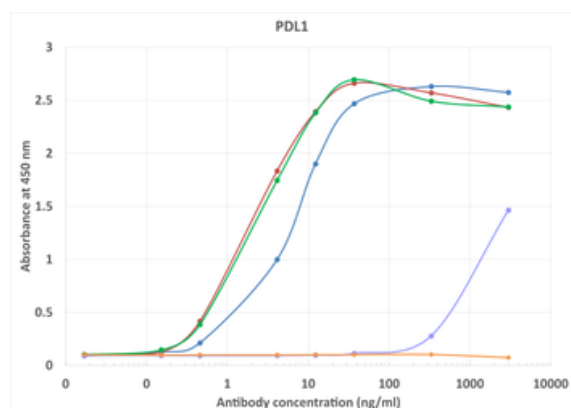
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

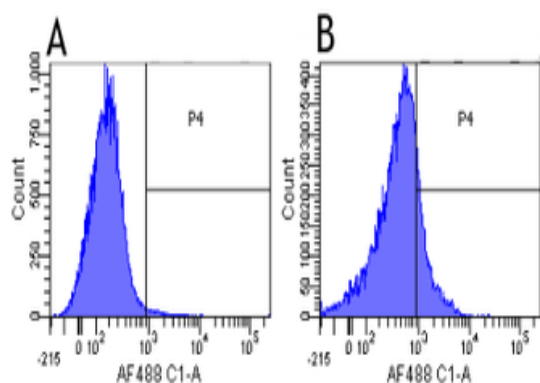
For research use only



ELISA analysis and SPR analysis of bispecific anti-mouse PDL-1/anti-mCD47 antibody.



ELISA using YDC 127.1.1 and Recombinant mouse PDL1 Fc-Fusion Protein. Binding curves of the rabbit IgG chimeric version of the Anti-PDL1 antibody YDC 127.1.1 (orb613832; purple line) and isotype control (orb256390, anti-fluorescein; orange line) to an ELISA plate coated with Recombinant mouse PDL1 Fc-Fusion Protein at a concentration of 2.5 ug/ml.



Flow-cytometry using anti-PDL1 antibody YDC 127.1.1 Mouse lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of YDC 127.1.1 (orb613832, panel B) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.

Biorbyt Ltd.

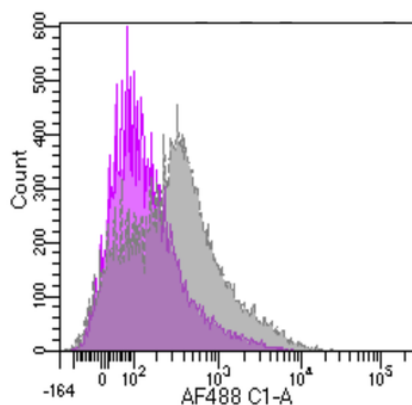
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

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

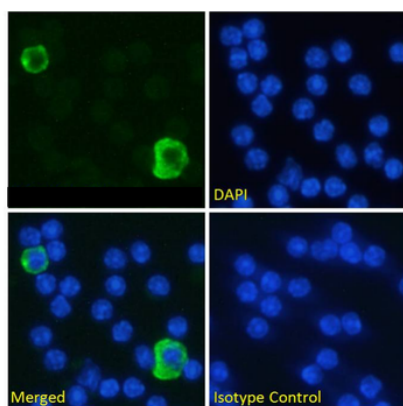
Biorbyt LLC

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



Flow-cytometry using anti-PD-L1 antibody YDC 127.1.1 Mouse splenocytes were stained with an isotype control (orb256390, purple) or the rabbit-chimeric version of YDC 127.1.1 (orb613832, grey) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



Immunofluorescence staining of fixed mouse splenocytes with anti-PDL1 (CD274) antibody YDC 127.1.1. 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 YDC 127.1.1 (orb613832) 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 orb613832, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor® 488 secondary antibody.

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