

Product Datasheet

Anti-CD32 [IV.3] (orb1152472)

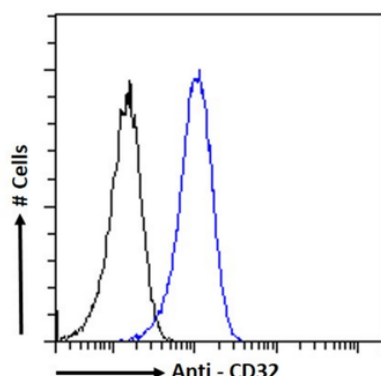
Description	Mouse monoclonal antibody to CD32
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	Blocking, ELISA, IF, IP
Immunogen	The original antibody was generated against the FcR of K562 cells.
Target	CD32
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
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	IgG2b
Clonality	Monoclonal
Clone Number	IV.3
Purity	Purified
Uniprot ID	P12318
Expiration Date	12 months from date of receipt.

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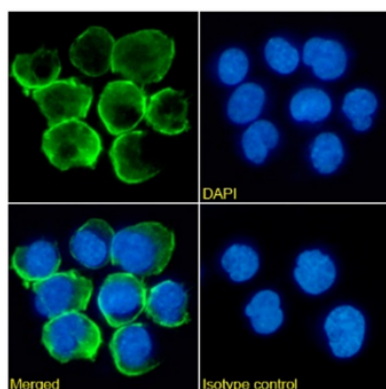
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Flow cytometry using the Anti-CD32 antibody IV.3. Paraformaldehyde fixed U937 cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (orb256458; isotype control, black line) or the rabbit IgG version of IV.3 (orb1152473, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Immunofluorescence staining of U937 cells with anti-CD32 IV.3. Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix™ coverslips stained with the chimeric rabbit IgG version of IV.3 (orb1152473) at 10 µg/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 µg/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom orb1152473, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody (orb256458) followed by staining with Alexa Fluor® 488 secondary antibody.

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