

Product Datasheet

Anti-CD4 [MT310] (orb348912)

Catalog Number	orb348912
Category	Antibodies
Description	Rabbit monoclonal antibody to CD4
Target	CD4
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG
Conjugation	Unconjugated
Reactivity	Human, Primate
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% Proclin 300.
Purity	Purified
UniProt ID	P01730
Tested applications	Blocking, FC, IF, IHC-P, IP, NeA
Specificity	This antibody is specific for the CD4 extracellular domain D1 (binding the HIV-1 gp120-binding site).
Clone Number	MT310
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.

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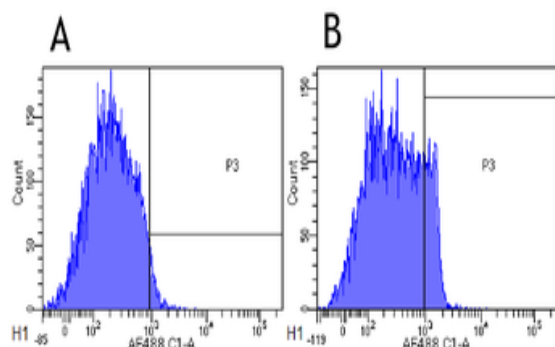
Biorbyt LLC

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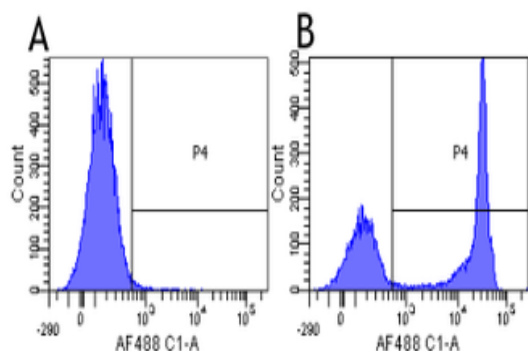
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Note

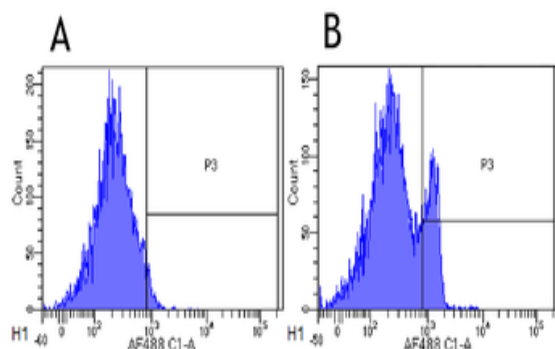
For research use only



Flow-cytometry using anti-CD4 antibody MT310 Cynomolgus monkey lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of MT310 (orb348912, 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.



Flow-cytometry using anti-CD4 antibody MT310 Human lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of MT310 (orb348912, 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.



Flow-cytometry using anti-CD4 antibody MT310 Rhesus monkey lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of MT310 (orb348912, 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.

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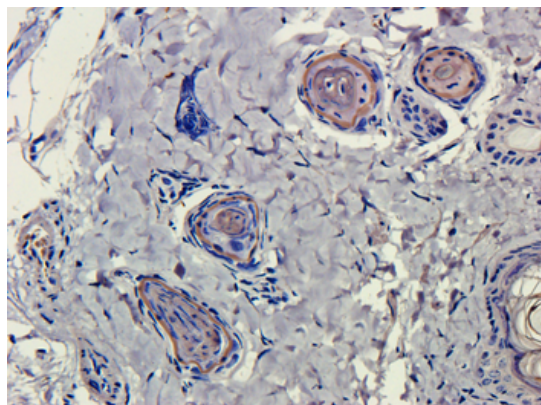
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Immunohistochemical staining of guinea pig skin tissue using anti-CD4 antibody MT310 Anti-CD4 staining of formaldehyde fixed paraffin embedded guinea pig skin tissue, at 40x magnification. The mouse IgG1-chimeric version of MT310 (orb348853) was used to stain samples at a concentration of 3 µg/ml.

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