

Product Datasheet

Anti-CD4 [CE9.1 (Clenoliximab)] (orb1152515)

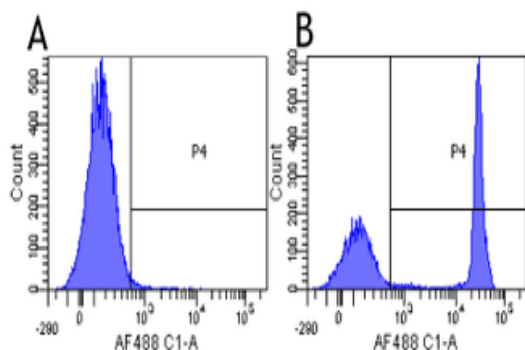
Description	Mouse monoclonal antibody to CD4
Species/Host	Human
Reactivity	Human, Monkey
Conjugation	Unconjugated
Tested Applications	Blocking, ELISA, FC, IHC
Immunogen	Domain 1 of human CD4.
Target	CD4
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
Storage	Maintain refrigerated at 2-8°C 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	Human IgG1
Clonality	Monoclonal
Clone Number	CE9.1 (Clenoliximab)
Purity	Purified
Uniprot ID	P01730
Expiration Date	12 months from date of receipt.

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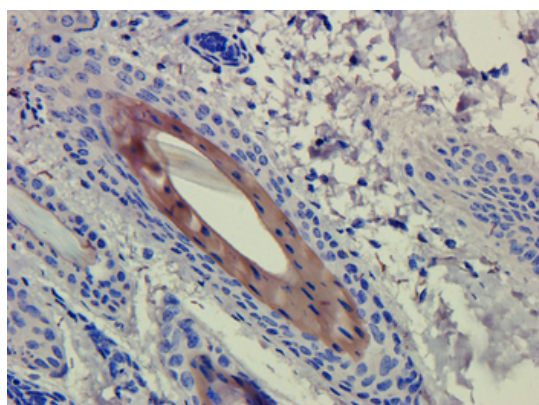
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Flow-cytometry using the anti-CD4 research biosimilar antibody Clenoliximab (CE9.1) Human lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of Clenoliximab (orb348883, panel B) at a concentration of 1 μ g/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.



Immunohistochemical staining of guinea pig skin using anti-CD4 antibody CE9.1 (Clenoliximab) Anti-CD4 staining of formaldehyde fixed paraffin embedded guinea pig skin tissue, at 40x magnification. The human IgG4-chimeric version of CE9.1 (Clenoliximab) (orb348872) was used to stain samples at a concentration of 3 μ g/ml.



Western Blot using anti-CD4 antibody CE9.1 (Clenoliximab) Human thyroid tumour samples were resolved on a 15% SDS PAGE gel and blots probed with the human IgG4-chimeric version of CE9.1 (orb348872) at 1.5 μ g/ml before detection using an anti-human IgG4 secondary antibody. Protein was detected by chemiluminescence. The expected unmodified running size for CD4 is 51kDa (arrowhead). Here some non-specific bands can also be seen. orb348872 successfully detected CD4 in human thyroid tissue samples.

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