

# Product Datasheet

## CD4 Antibody (CE9.1 (Clenoliximab)) - Azide and BSA Free NBP2-75910-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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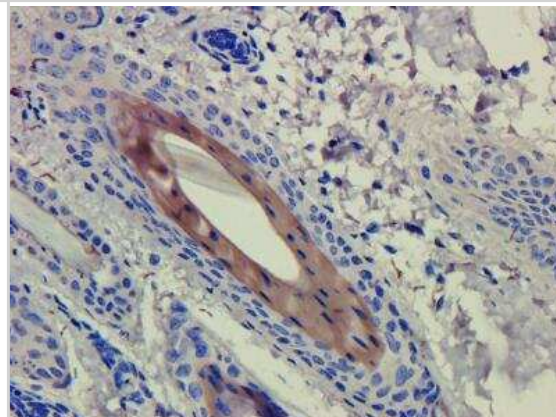
**NBP2-75910-0.2mg**

CD4 Antibody (CE9.1 (Clenoliximab)) - Azide and BSA Free

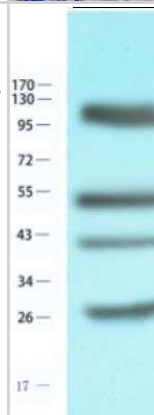
<b>Product Information</b>	
<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CE9.1 (Clenoliximab)
<b>Preservative</b>	0.02% Proclin 300
<b>Isotype</b>	IgG4 Lambda
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Human
<b>Gene ID</b>	920
<b>Gene Symbol</b>	CD4
<b>Species</b>	Human, Chimpanzee
<b>Specificity/Sensitivity</b>	The antibody binds to human CD4 with a Kd of 1.0 nM and an ED50 of 0.2 ug/ml.
<b>Immunogen</b>	Domain 1 of human CD4.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Block/Neutralize, Surface Plasmon Resonance
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Surface Plasmon Resonance, Block/Neutralize
<b>Application Notes</b>	NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar. This reformatted human antibody was made using the variable domain sequences of the original Human IgG4 (primatized) format, for improved compatibility with existing reagents, assays and techniques.

## Images

Immunohistochemistry: CD4 Antibody (CE9.1 (Clenoliximab)) [NBP2-75910] - Anti-CD4 staining of formaldehyde fixed paraffin embedded guinea pig skin tissue, at 40x magnification. The human IgG4-chimeric version of CE9.1 (Clenoliximab) (NBP2-75910) was used to stain samples at a concentration of 3 ug/ml.



Western Blot: CD4 Antibody (CE9.1 (Clenoliximab)) [NBP2-75910] - Human thyroid tumour samples were resolved on a 15% SDS PAGE gel and blots probed with the human IgG4-chimeric version of CE9.1 (NBP2-75910) at 1.5 ug/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. NBP2-75910 successfully detected CD4 in human thyroid tissue samples.





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### **Products Related to NBP2-75910-0.2mg**

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G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
NBP1-19371PEP	CD4 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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