

# 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

| Product Information |  |
|---------------------|--|
| Unit Size           | 0.2 mg   |
| Concentration       | 1 mg/ml  |
| Storage             | Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C. |
| Clonality           | Monoclonal   |
| Clone               | CE9.1 (Clenoliximab)   |
| Preservative        | 0.02% Proclin 300  |
| Isotype             | IgG4 Lambda  |
| Purity              | Protein A purified   |
| Buffer              | PBS  |

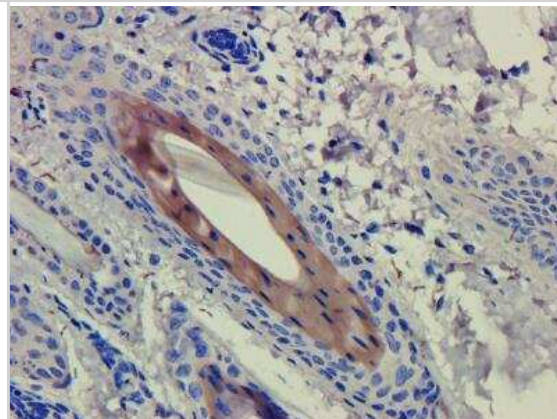
| Product Description     |  |
|-------------------------|--|
| Description             | Novus Biologicals Human CD4 Antibody (CE9.1 (Clenoliximab)) - Azide and BSA Free (NBP2-75910) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                    | Human  |
| Gene ID                 | 920  |
| Gene Symbol             | CD4  |
| Species                 | Human, Chimpanzee  |
| Specificity/Sensitivity | The antibody binds to human CD4 with a Kd of 1.0 nM and an ED50 of 0.2 ug/ml.  |
| Immunogen               | Domain 1 of human CD4.   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Block/Neutralize, Surface Plasmon Resonance  |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Surface Plasmon Resonance, Block/Neutralize  |
| Application Notes           | 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. |

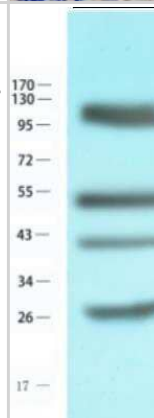


## Images

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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|               |   |
|---------------|---|
| NBP2-33376H   | Blue Marker Antibody (6F4-F6) [HRP]                   |
| G-102-C       | Goat anti-Human IgG Secondary Antibody [Unconjugated] |
| NB7446        | Goat anti-Human IgG Fc Secondary Antibody             |
| NBP1-19371PEP | CD4 Antibody Blocking Peptide                         |

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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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