

Datasheet for ABIN7581601

## Recombinant anti-PCSK9 (Bococizumab Biosimilar) antibody



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### Overview

|                    |                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------|
| Quantity:          | 1 mg                                                                                                                     |
| Target:            | PCSK9 (Bococizumab Biosimilar)                                                                                           |
| Reactivity:        | Human                                                                                                                    |
| Host:              | Human                                                                                                                    |
| Expression System: | CHO Cells                                                                                                                |
| Antibody Type:     | Recombinant Antibody                                                                                                     |
| Clonality:         | Monoclonal                                                                                                               |
| Conjugate:         | This PCSK9 (Bococizumab Biosimilar) antibody is un-conjugated                                                            |
| Application:       | ELISA, Flow Cytometry (FACS), Surface Plasmon Resonance (SPR), Functional Studies (Func), Bio-Layer Interferometry (BLI) |

### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:  | Anti-PCSK9 Reference Antibody (bococizumab)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sequence: | <p>QVQLVQSGAE VKKPGASVKV SCKASGYTFT SYMHWVRQA PGQGLEWMGE ISPFGGRTNY</p> <p>NEKFKSRVTM TRDTSTSTVY MELSSLRSED TAVYYCARER PLYASDLWGQ GTTDTVSSAS</p> <p>TKGPSVFPLA PCSRSTSEST AALGCLVKDY FPEPVTVSWN SGALTSGVHT FPAVLQSSGL</p> <p>YSLSSVVTVP SSNFGTQTYT CNVDHKPSNT KVDKTKVERKC CVECPCPAP PVAGPSVFLF</p> <p>PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV QFNWYVDGVE VHNAKTKPRE EQFNSTFRVV</p> <p>SVLTVHQDW LNGKEYKCKV SNKGLPSSIE KTISKTKGQP REPQVYTLPP SREEMTKNQV</p> <p>SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPMLDSDGS FFLYSKLTVD KSRWQQGNVF</p> <p>SCSVMHEALH NHYTQKSLSL SPGK,DIQMTQSPSS LSASVGDRVT ITCRASQGIS SALAWYQQKP</p> <p>GKAPKLLIYS ASYRYTGVPV RFGSGSGSTD FTFTISLQP EDIATYYCQQ RYSLWRTFGQ</p> |

## Product Details

|                  |                                                                                                                                                                            |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | GTKLEIKRTV AAPSVFIFPP SDEQLKSGTA SVVCLLNNFY PREAKVQWKV DNALQSGNSQ<br>ESVTEQDSKD STYLSSTLT LSKADYEKHK VYACEVTHQG LSSPVTKSFN RGEC                                            |
| Isotype:         | IgG2SA                                                                                                                                                                     |
| Characteristics: | Anti-PCSK9 Reference Antibody (bococizumab) is expressed from CHO. The heavy chain type is hulG2, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa. |
| Purity:          | >95 %                                                                                                                                                                      |

## Target Details

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Target:           | PCSK9 (Bococizumab Biosimilar)                          |
| Abstract:         | <a href="#">PCSK9 (Bococizumab Biosimilar) Products</a> |
| Target Type:      | Biosimilar                                              |
| Molecular Weight: | 145.5 kDa                                               |
| UniProt:          | <a href="#">Q8NBP7</a>                                  |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Therapeutic Agents by Target and Mechanism: PCSK9 inhibitors       |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Format:          | Lyophilized                                         |
| Concentration:   | 1 mg/mL                                             |
| Buffer:          | 25 mM histidine, 8 % sucrose, 0.01 % Tween80 pH 6.2 |
| Storage:         | 4 °C,-80 °C                                         |
| Storage Comment: | +4°C,-80°C                                          |