

## anti-Human Tanezumab Monoclonal Antibody | anti-NGF antibody

Research Grade Tanezumab

CATALOG #  
**AAA119972**

REACTIVITY  
**Human**

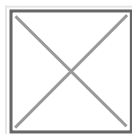
### PRODUCT SYNONYMS

Tanezumab; Monoclonal Antibody; Research Grade Tanezumab; PF-04383119; RN624; Beta-nerve growth factor; NGFB; Beta-NGF; NGF; anti-NGF antibody

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                              |
| Clonality               | Monoclonal                                                                                                                                                                         |
| Isotype                 | IgG2-kappa                                                                                                                                                                         |
| Purity/Purification     | >95%; Protein A or G purified from cell culture supernatant.                                                                                                                       |
| Form/Format             | Liquid. PBS buffer, pH7.4                                                                                                                                                          |
| Concentration           | 1mg/ml (varies by lot)                                                                                                                                                             |
| Host Species            | Humanized                                                                                                                                                                          |
| CAS                     | 880266-57-9                                                                                                                                                                        |
| Preparation and Storage | Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

### IMAGES



**SDS-PAGE**  
SDS PAGE for Tanezumab



**Bioactivity**  
Detects Human NGF in direct ELISAs.

### ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-NGF antibody | <a href="#">Research Biosimilar</a>                                                                                                                                                                                                                                                                                                                                                             |
| References                                      | <p>A multiple-dose toxicity study of tanezumab in cynomolgus monkeys, PMID: 21130822</p> <p>Antibodies to watch in 2019, PMID: 30516432</p> <p>Antibodies to watch in 2020, PMID: 31847708</p> <p>Antibodies to watch in 2021, PMID: 33459118</p> <p>Bioanalytical assays in support of tanezumab developmental and reproductive toxicity studies: challenges and learnings, PMID: 31204868</p> |

### NCBI AND UNIPROT INFORMATION

|             |                          |
|-------------|--------------------------|
| NCBI GI #   | <a href="#">90110037</a> |
| NCBI GeneID | <a href="#">4803</a>     |

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| UniProt Accession #              | P01138; Q6FHA0; Q96P60; Q9P2Q8; Q9UKL8; A1A4E5              |
| Molecular Weight                 | Calculate MW: 26 kDa<br>Observed MW: 17kDa/27kDa            |
| NCBI Official Full Name          | Beta-nerve growth factor                                    |
| NCBI Official Synonym Full Names | nerve growth factor (beta polypeptide)                      |
| NCBI Official Symbol             | NGF                                                         |
| NCBI Official Synonym Symbols    | NGFB; HSN5; Beta-NGF                                        |
| NCBI Protein Information         | beta-nerve growth factor; nerve growth factor, beta subunit |
| UniProt Protein Name             | Beta-nerve growth factor                                    |
| UniProt Gene Name                | <b>NGF</b>                                                  |
| UniProt Synonym Gene Names       | NGFB; Beta-NGF                                              |
| UniProt Entry Name               | NGF_HUMAN                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tanezumab-antibody-elisa/119972>