# **w** abeomics

## 36-3251: Anti-TGF-beta (Transforming Growth Factor beta) Monoclonal Antibody(Clone: TGFB/510)

| Clonality :           | Monoclonal   |
|-----------------------|--|
| Clone Name :          | TGFB/510   |
| Application :         | Functional Assay,ELISA,  |
| Reactivity :          | Human, Mouse, Rat  |
| Gene :                | TFGB   |
| Gene ID :             | 7040; 7042; 7043   |
| Uniprot ID :          | P01137 ; P10600 ; P61812   |
| Alternative Name :    | ARVD; BSC 1 cell growth inhibitor; CED; Cetermin; Diaphyseal dysplasia 1 (DPD1);<br>Glioblastoma derived T cell suppressor factor (G TSF); Latency-associated peptide (LAP);<br>Polyergin; Transforming growth factor beta 1 (TGF beta1 or TGFB1); TGF beta2 (TGFB2); TGF<br>beta3 (TGFB3); TGFbeta (TGFB) |
| Isotype :             | Mouse IgG1, kappa  |
| Immunogen Information | : Full length recombinant human TGF-beta2 protein  |

#### **Description**

This MAb recognizes TGF beta 1, 2 and 3. TGF's inhibit the growth of epithelial cells and stimulate the growth of mesenchymal cells.Most breast lesions, benign and malignant, involve abnormal proliferation and altered architecture of stromal and/or epithelial elements.

#### **Product Info**

| Amount :            | 20 µg / 100 µg   |
|---------------------|--|
| Content :           | 200 $\mu$ g/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| Storage condition : | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.                                    |

### **Application Note**

Functional Assay (Order Ab without BSA/Azide); ELISA (0.1-0.4ug/ml - Detection; 2-8ug/ml - Capture);

|      | NR  | R |                        |
|------|-----|---|------------------------|
| 250→ |     |   |                        |
| 150→ | -   |   |                        |
| 100→ |     |   |                        |
| 75→  | -   |   |                        |
| 50→  | - 1 |   | 2ug loading<br>NR=Non- |
| 37→  |     |   | reduced<br>R=reduced   |
| 25→  |     |   |                        |
| 20→  |     |   |                        |
| 15→  |     |   |                        |
| 10→  |     |   |                        |

Fig. 1: SDS-PAGE Analysis Purified TGF beta Mouse Monoclonal Antibody (TGFB/510). Confirmation of Purity and Integrity of Antibody.