

## Product datasheet for **TA319103**

### BMP5 Rabbit Polyclonal Antibody

#### Product data:

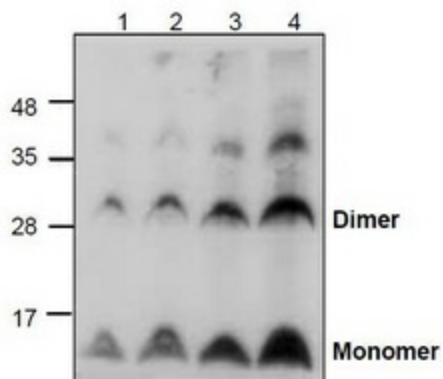
|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | WB   |
| Recommended Dilution: | WB: 0.5-4 ug/ml  |
| Reactivity:           | Human  |
| Host:                 | Rabbit   |
| Isotype:              | IgG  |
| Clonality:            | Polyclonal   |
| Immunogen:            | E. coli-expressed recombinant human BMP-5  |
| Formulation:          | 100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.  |
| Concentration:        | lot specific   |
| Purification:         | Affinity purified  |
| Conjugation:          | Unconjugated   |
| Storage:              | Store at -20°C as received.  |
| Stability:            | Stable for 12 months from date of receipt.   |
| Gene Name:            | bone morphogenetic protein 5   |
| Database Link:        | <a href="#">NP_066551</a><br><a href="#">Entrez Gene 653 Human</a><br><a href="#">P22003</a>   |
| Background:           | BMPs (bone morphogenetic proteins) belong to the TGF-βsuperfamily of structurally related signaling proteins. As implied by their name, BMPs promote and regulate bone development, growth, remodeling and repair, in both prenatal development and postnatal growth of eye, heart, kidney, skin, and other tissues. Active human BMP-5 is a 31 kDa homodimeric protein consisting of two 134 amino acid polypeptide chains. |
| Synonyms:             | MGC34244   |
| Protein Families:     | Adult stem cells, Cancer stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Secreted Protein, Stem cell relevant signaling - TGFb/BMP signaling pathway  |



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Protein Pathways: Hedgehog signaling pathway, TGF-beta signaling pathway

### Product images:



Western blot analysis using recombinant human BMP-5. Lane 1: 50 ng, Lane 2: 100 ng, Lane 3: 200 ng, Lane 4: 500 ng.