

Product datasheet for **BP919**

BMP9 (GDF2) (87-98) Rabbit Polyclonal Antibody

Product data:

| | |
|------------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ELISA |
| Recommended Dilution: | ELISA. |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide corresponding to the amino acids 87 - 98 of the native molecule conjugated to keyhole limpet haemocyanin. |
| Specificity: | This antibody detects BMP-9. |
| Formulation: | Phosphate buffered saline, pH 7.2, containing 0.09 % Sodium Azide (NaN ₃) State: Purified State: Liquid Ig fraction |
| Concentration: | lot specific |
| Purification: | Affinity chromatography on Protein G |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | growth differentiation factor 2 |
| Database Link: | Entrez Gene 2658 Human Q9UK05 |
| Background: | BMP9 is a member of the TGF-beta superfamily. BMPs act through binding with a receptor complex consisting of type I and type II serine/threonine kinases, resulting ultimately in the activation of the Smad protein and mitogen-activated protein kinase (MAPK) signaling pathways. Several antagonist proteins, including, noggin, chordin, gremlin and follistatin, are responsible for modulating the signaling effects of BMPs, through the binding and blocking of receptor ligands, thereby preventing activation. |



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Synonyms: GDF-2, GDF2