

## Mouse anti-Human, Pig Bone Morphogenetic Protein 6 (BMP6) Monoclonal Antibody | anti-BMP6 antibody

Monoclonal Antibody to Bone Morphogenetic Protein 6 (BMP6)

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                 |
|-----------|-------|------------|------------------------------------------------------------------------------|
| AAA151596 | Mouse | Human, Pig | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

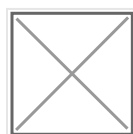
### PRODUCT SYNONYMS

Bone Morphogenetic Protein 6 (BMP6); Monoclonal Antibody; Monoclonal Antibody to Bone Morphogenetic Protein 6 (BMP6); BMP6/Bone Morphogenetic Protein 6; VGR; VGR1; Vegetal Related Growth Factor(TGFBRelated); VG1related protein; anti-BMP6 antibody

### PRODUCT SPECIFICATIONS

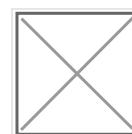
|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                     | Human, Pig                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype                                        | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clone Number                                   | D2                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity                                    | The antibody is a mouse monoclonal antibody raised against BMP6. It has been selected for its ability to recognize BMP6 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                               |
| Purity/Purification                            | Protein A + Protein G affinity chromatography                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                    | Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applicable Applications for anti-BMP6 antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                          |
| Immunogen Type                                 | Prokaryotic Recombinant proteins/RP                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence of Immunogen                          | Ser375~His513                                                                                                                                                                                                                                                                                                                                                                                                               |
| Conjugation                                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage                        | Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

### IMAGES



#### IHC (Immunohistochemistry)

DAB staining on IHCP; Samples: Human Kidney Tissue; Primary Ab: 20ug/ml Mouse AntiHuman BMP6 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



#### WB (Western Blot)

ADDITIONAL INFORMATION

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Product Categories/Family for anti-BMP6 antibody | Developmental science; Primary |
|--------------------------------------------------|--------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4502425                                                                                                                                                                               |
| NCBI GeneID                      | 654                                                                                                                                                                                   |
| NCBI Accession #                 | NP_001709.1                                                                                                                                                                           |
| NCBI GenBank Nucleotide #        | NM_001718.4                                                                                                                                                                           |
| UniProt Accession #              | P22004; Q5TCP3                                                                                                                                                                        |
| Molecular Weight                 | 57,226 Da                                                                                                                                                                             |
| NCBI Official Full Name          | bone morphogenetic protein 6 preproprotein                                                                                                                                            |
| NCBI Official Synonym Full Names | bone morphogenetic protein 6                                                                                                                                                          |
| NCBI Official Symbol             | BMP6                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | VGR; VGR1                                                                                                                                                                             |
| NCBI Protein Information         | bone morphogenetic protein 6; BMP-6; VGR-1; VG-1-R; VG-1-related protein; Vg1-related sequence; vegetal-related (TGFB related) cytokine; vegetal related growth factor (TGFB-related) |
| UniProt Protein Name             | Bone morphogenetic protein 6                                                                                                                                                          |
| UniProt Gene Name                | <b>BMP6</b>                                                                                                                                                                           |
| UniProt Synonym Gene Names       | VGR; BMP-6; VG-1-R; VGR-1                                                                                                                                                             |
| UniProt Entry Name               | BMP6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/bone-morphogenetic-protein-6-bmp6-antibody-clone-d2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151596>