### bsm-60015R

### [ Primary Antibody ]

# Bioss ANTIBODIES

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## **BMP6 Recombinant Rabbit mAb**

- DATASHEET -

**Host:** Rabbit **Isotype:** IgG/Kappa

Clonality: Recombinant

**GenelD:** 654 **SWISS:** P22004

Target: BMP6

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: This gene encodes a secreted ligand of the TGF-beta (transforming

growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein regulates a wide range of biological processes including iron homeostasis, fat and bone development, and ovulation. Differential expression of this gene may be associated with progression of breast and prostate cancer. Mutations in this gene may be associated with iron overload in

human patients. [provided by RefSeq, Jul 2016]

**Applications: WB** (1:500-1000)

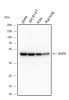
ICC/IF (1:100-500)

Reactivity: Human, Mouse, Rat

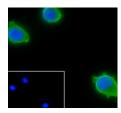
Predicted MW.: 56 kDa

Subcellular Location: Secreted

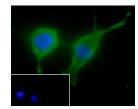
#### - VALIDATION IMAGES -



Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:1000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: A549, SH-SY5Y, N2a, Rat lung Protein loading quantity: 20 µg Exposure time: 1 s Predicted MW: 42 kDa Observed MW: 42 kDa



Cell line: U-2 OS Fixative: 100% Ice-cold methanol Permeabilization: 0.1% TritonX-100 Primary ab dilution: 1:50 Primary incubation condition: 4°C overnight Secondary ab: Goat Anti-Rabbit IgG Nuclear counter stain: DAPI (Blue) Comment: Color green is the positive signal for bsm-60015R



Cell line: NIH/3T3 Fixative: 4%
Paraformaldehyde Permeabilization: 0.1%
TritonX-100 Primary ab dilution: 1:50 Primary
incubation condition: 4°C overnight Secondary
ab: Goat Anti-Rabbit IgG Nuclear counter stain:
DAPI (Blue) Comment: Color green is the positive
signal for bsm-60015R