



BMP2 (ANT0062R) Rabbit mAb

CatalogNo: ANT8215 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit

MW

- 45kD,13kD (Calculated)
30kD,13kD (Observed)

Reactivity

- Human,Mouse,Rat,

Isotype

- IgG,Kappa

Applications

- WB,IHC,IF,IP,ELISA

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0062R

Endogenous

Target Information

Gene name BMP2
Protein Name Bone morphogenetic protein 2

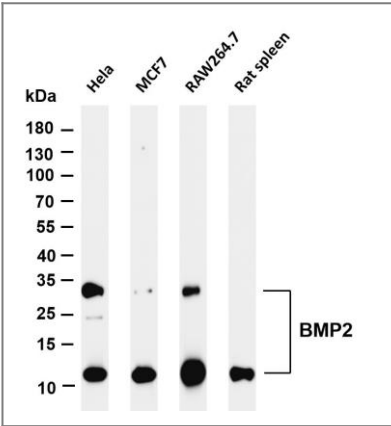
Organism	Gene ID	UniProt ID
Human	650 ;	P12643 ;
Mouse	12156 ;	P21274 ;
Rat	29373 ;	P49001 ;

Cellular Localization Secreted

Tissue specificity Particularly abundant in lung, spleen and colon and in low but significant levels in heart, brain, placenta, liver, skeletal muscle, kidney, pancreas, prostate, ovary and small intestine.

Function Function:Induces cartilage and bone formation.,online information:Bone morphogenetic protein 2 entry,similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfidelinked. Interacts with GREM2 (By similarity) and SOSTDC1.,tissue specificity:Particularly abundant in lung, spleen and colon and in low but significant levels in heart, brain, placenta, liver, skeletal muscle, kidney, pancreas, prostate, ovary and small intestine.,

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-BMP2 (ANT0062R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: MCF7 Lane 3: RAW264.7 Lane 4: Rat spleen Predicted band size: 45,13kDa Observed band size: 30,13kDa

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