

## BMP2

### Rabbit Anti-Human Bone Morphogenetic Protein 2 Affinity Purified pAb

<b>Catalog No.</b>	PA0025	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	BMP2A, BDA2		
<b>Description:</b>	The rabbit polyclonal antibody recognizes human Bone Morphogenetic Protein 2 (BMP -2), a member of the TGF-beta superfamily of structurally related signaling proteins.. BMP-2 is translated as a preprotein and then proteolytically processed to generate each subunit of the disulfide-linked homodimer. As implied by their name, BMPs initiate, promote and regulate bone development, growth, remodeling and repair. In addition to its osteogenic activity, BMP-2 plays an important role in cardiac morphogenesis. It is also expressed in a variety of tissues such as lung, spleen, brain, liver, prostate ovary and small intestine.		
<b>Gene ID:</b>	650		
<b>UniProtKB:</b>	P12643		
<b>Concentration:</b>	0.5 mg/mL		
<b>Specificity:</b>	Recognizes Human BMP-2. Detects the 14 kDa monomer, 28 kDa dimer, and 58 kDa tetramer of Human BMP-2.		
<b>Host:</b>	Rabbit		
<b>Isotype:</b>	Ig (polyclonal)		
<b>Immunogen:</b>	Recombinant Human BMP-2		
<b>Conjugate:</b>	Unconjugated		
<b>Formulation:</b>	Liquid in a buffer of PBS pH 7.2, 30% Glycerol, 0.5% BSA, 0.01% Thimerosal.		
<b>Purification:</b>	Affinity purified		
<b>Applications:</b>	Western Blot		
<b>Application Notes:</b>	WB: working dilution of 0.5-2.0 µg/mL. Recommended positive control: Recombinant Human BMP-2 (Cat. No. CRB100). The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at -20 °C. For longer term, store in working aliquots at -80 °C. <b>Avoid repeated freeze-thaw cycles.</b>		

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