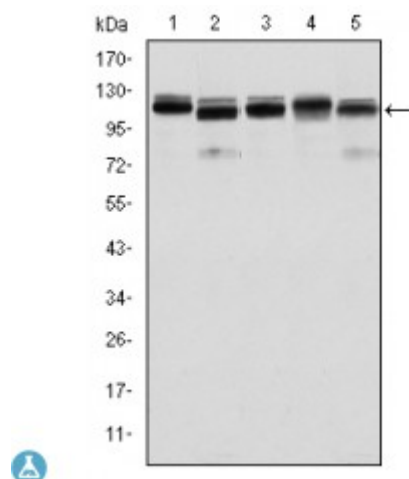


Anti-BMPR-II antibody



Description	Mouse monoclonal to BMPR-II.
Model	STJ97877
Host	Mouse
Reactivity	Human, Mouse, Rat, Simian
Applications	ELISA, IF, IHC, WB
Immunogen	Purified recombinant fragment of human BMPR-II expressed in E. Coli.
Gene ID	659
Gene Symbol	BMPR2
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000IF 1:200-1:1000ELISA 1:10000
Specificity	BMPR-II Monoclonal Antibody detects endogenous levels of BMPR-II protein.
Tissue Specificity	Highly expressed in heart and liver.
Purification	Affinity purification
Clone ID	3F6
Note	For Research Use Only (RUO).
Protein Name	Bone morphogenetic protein receptor type-2 BMP type-2 receptor BMPR-2 Bone morphogenetic protein receptor type II BMP type II receptor BMPR-II
Clonality	Monoclonal
Conjugation	Unconjugated

Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1078OMIM:178600
Alternative Names	Bone morphogenetic protein receptor type-2 BMP type-2 receptor BMPR-2 Bone morphogenetic protein receptor type II BMP type II receptor BMPR-II
Function	On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Binds to BMP7, BMP2 and, less efficiently, BMP4. Binding is weak but enhanced by the presence of type I receptors for BMPs. Mediates induction of adipogenesis by GDF6.
Cellular Localization	Cell membrane {ECO:0000269 PubMed:25187962}. Single-pass type I membrane protein.

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