

Anti-BMPR1B Reference Antibody (Abbvie StemCentrx patent anti-BMPR1B)

Catalog # APR11408

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O00238
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	56930

Additional Information

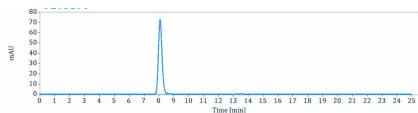
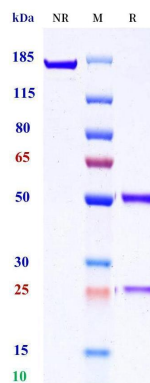
Target/Specificity	BMPR1B
Expression system	CHO

Protein Information

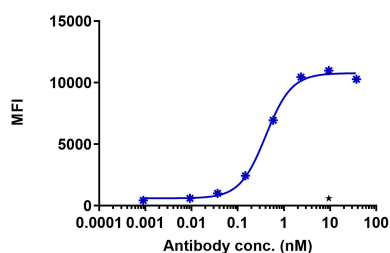
Name	BMPR1B
Function	On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for BMP7/OP-1 and GDF5. Positively regulates chondrocyte differentiation through GDF5 interaction.
Cellular Location	Cell membrane; Single-pass type I membrane protein

Images

Anti-BMPR1B Reference Antibody (Abbvie StemCentrx patent anti-BMPR1B) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-BMPR1B Reference Antibody (Abbvie StemCentrx patent anti-BMPR1B) is 100%, determined by SEC-HPLC.



PLVX-puro-BMPR1B-FL cell line were stained with Abbvie StemCentrx patent anti-BMPR1B and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.4332 nM.

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