



Magic™ Rabbit Anti-Human BMPR1B Monoclonal antibody, clone 341355B5 (DMAB- CPT534)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Human BMPR1B
Immunogen	BMPR1B fusion protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	341355B5
Purification	Protein A purification
Conjugate	Unconjugated
Applications	ELISA(Det) We recommend the following antibodies for sandwich immunoassay (Capture - Detection): DMAB-CPT533 - DMAB-CPT534 Sandwich ELISA: 0.156-10 ng/mL
Format	Liquid
Size	100 µg
Buffer	PBS only
Preservative	None

Storage Store at -80°C. The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

BACKGROUND

Introduction BMPR1B (Bone morphogenetic protein receptor type-1B) is also named as CDw293. BMPR1B belongs to the protein kinase superfamily. BMPR1B is 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. BMPR1B is receptor for BMP7/OP-1 and GDF5. BMPR1B Positively regulates chondrocyte differentiation through GDF5 interaction.

Keywords Bone morphogenetic protein receptor type-1B; BMPR-1B; BMPR 1B; BMP type-1B receptor; BMP type 1B receptor

GENE INFORMATION

Entrez Gene ID [658](#)

UniProt ID [O00238](#)
