

For Research Use Only

# BMPR1A Recombinant antibody

Catalog Number: 82928-2-RR



## Basic Information

<b>Catalog Number:</b> 82928-2-RR	<b>GenBank Accession Number:</b> BC028383	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 657	<b>CloneNo.:</b> 230137E12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P36894	
<b>Isotype:</b> IgG	<b>Full Name:</b> bone morphogenetic protein receptor, type IA	
<b>Immunogen Catalog Number:</b> AG3410	<b>Calculated MW:</b> 532 aa, 60 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

BMPR1A (Bone morphogenetic protein receptor type-1A) is also named as ACVRLK3, ALK3 and SKR5. BMPR1A is an essential receptor for BMP signaling (PMID: 26279380). BMPR1A is necessary for chondrogenesis and osteogenesis (PMID: 32764110). BMPR1A is a cell surface marker of human SuSCs (PMID: 33658353).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

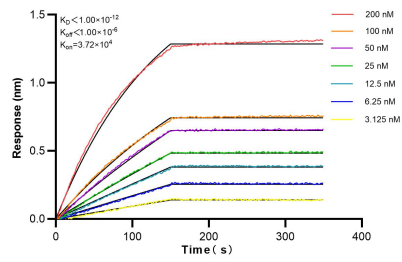
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Biolayer interferometry (BLI) kinetic assays of 82928-2-RR against Human BMPR1A were performed. The affinity constant is below 1 pM.