

For Research Use Only

# REEP5 Recombinant monoclonal antibody

Catalog Number: 86849-1-RR



## Basic Information

<b>Catalog Number:</b> 86849-1-RR	<b>GenBank Accession Number:</b> BC065926	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7905	<b>CloneNo.:</b> 251882F7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q00765	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IF/ICC: 1:400-1:1600
<b>Isotype:</b> IgG	<b>Full Name:</b> receptor accessory protein 5	
<b>Immunogen Catalog Number:</b> AG6229	<b>Calculated MW:</b> 21 kDa	
	<b>Observed MW:</b> 17 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HeLa cells, HEK-293 cells, MOLT-4 cells, K-562 cells, NIH/3T3 cells, mouse heart tissue, rat heart tissue
	<b>IF/ICC :</b> A549 cells,

## Background Information

REEP5 (receptor expression-enhancing protein 5), also named as C5orf18, DP1 or TB2, is a membrane protein belonging to DP1/Yop1p protein family. All REEP proteins contain a conserved TB2/DP1, HVA22 domain which is involved in intracellular trafficking and secretion (PMID: 19123125). REEP5 is expressed in circumvallate papillae and testis, and may have the function to influence functional cell surface expression of taste receptors (PMID: 16720576). REEP5 can interact with atlastins (ATL1 and ATL2) which are involved in modulating the structure of ER network (PMID: 19665976).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

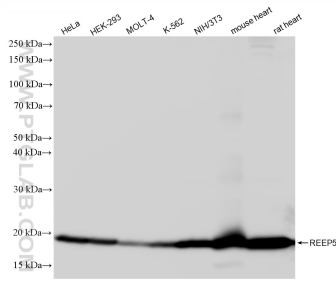
For technical support and original validation data for this product please contact:

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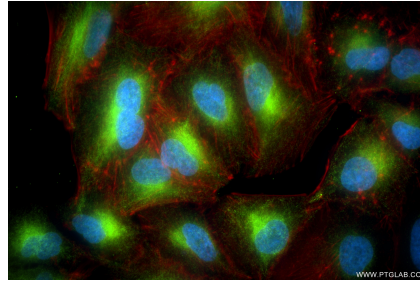
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86849-1-RR (REEP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using REEP5 antibody (86849-1-RR, Clone: 251882F7) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).