
Product Name: KD-Validated REEP2 Mouse Monoclonal Antibody**Catalog #: KVA00405**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 28.3kDa

Antigen Information

Gene Name	REEP2
Alternative Names	REEP2; Receptor Accessory Protein 2; SGC32445; C5orf19; SPG72; Yip2d; Receptor Expression-Enhancing Protein 2; Chromosome 5 Open Reading Frame 19; SPG72A; SPG72B
Gene ID	51308.0
SwissProt ID	Q9BRK0
Immunogen	Recombinant protein of human REEP2

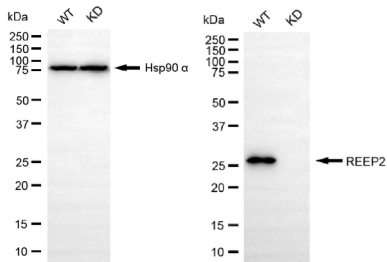
Background

This gene encodes a member of the receptor expression enhancing protein family. Studies of a related gene in mouse suggest that the encoded protein is found in the cell membrane and enhances the function of sweet taste receptors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]

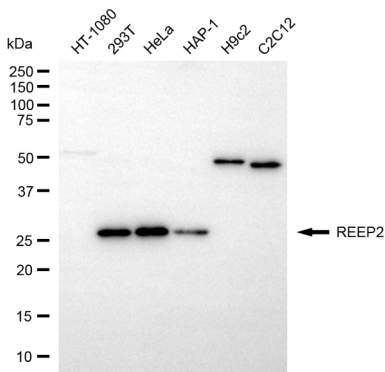
Research Area

Neuroscience, Signal Transduction

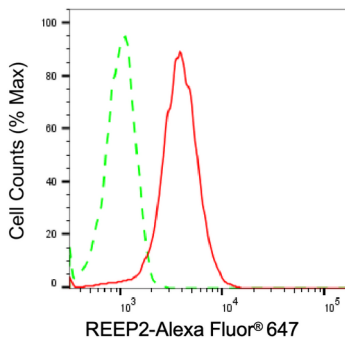
Image Data



Western blotting analysis using REEP2 antibody (KVA00405). REEP2 expression in wild-type (WT) and REEP2 shRNA knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with REEP2 antibody (KVA00405, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using REEP2 antibody (KVA00405). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with REEP2 antibody (KVA00405, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of REEP2 expression in HeLa cells using REEP2 antibody (KVA00405, 1:1,000). Green, isotype control; red, REEP2.