

Product Name: KD-Validated PPP2R5E Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00939

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit 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 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 54.7kDa

Antigen Information

Gene Name	PPP2R5E
Alternative Names	Protein Phosphatase 2 Regulatory Subunit B'Epsilon; B56epsilon; B56E; Serine/Threonine-Protein Phosphatase 2A 56 KDa Regulatory Subunit Epsilon Isoform; Serine/Threonine Protein Phosphatase 2A, 56 KDa Regulatory Subunit, Epsilon; Protein Phosphatase 2, Regulatory Subunit B (B56), Epsilon Isoform; Protein Phosphatase 2 Regulatory Subunit B', Epsilon; PP2A B Subunit Isoform PR61-Epsilon; PP2A B Subunit Isoform B56-Epsilon; PP2A B Subunit Isoform B'-Epsilon; PP2A B Subunit Isoform R5-Epsilon; PP2A, B Subunit, PR61 Epsilon; PP2A, B Subunit, B56 Epsilon; PP2A, B Subunit, B' Epsilon; PP2A, B Subunit, R5 Epsilon
Gene ID	5529.0
SwissProt ID	Q16537

Immunogen

A synthesized peptide derived from human PPP2R5E

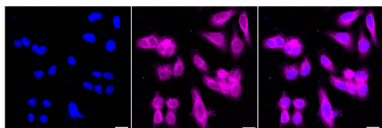
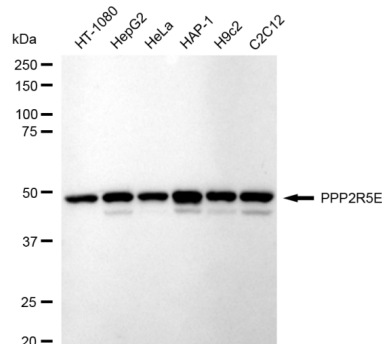
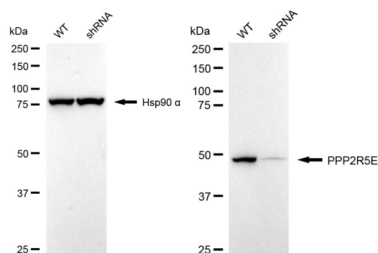
Background

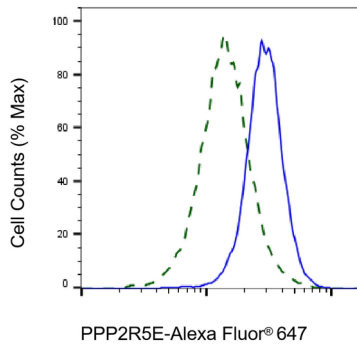
The protein encoded by this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an epsilon isoform of the regulatory subunit B56 subfamily. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]

Research Area

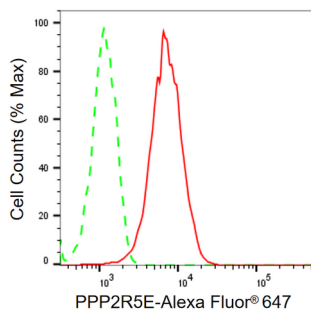
Neuroscience, Signal Transduction

Image Data





Validation of PPP2R5E knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with PPP2R5E antibody (KVA00939, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of PPP2R5E expression in HepG2 cells using PPP2R5E antibody (KVA00939, 1:2,000). Green, isotype control; red, PPP2R5E.