

Product Name: KD-Validated EFEMP1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00388**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
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
Molecular Weight	Calculated MW: 54.6kDa

Antigen Information

Gene Name	EFEMP1 EFEMP1; EGF Containing Fibulin Extracellular Matrix Protein 1; FBLN3; EGF-Containing Fibulin-Like Extracellular Matrix Protein 1; S1-5; MTLV; FBNL; EGF Containing Fibulin Like
Alternative Names	Extracellular Matrix Protein 1; Extracellular Protein S1-5; Fibulin-3; FIBL-3; DHRD; Glaucoma 1, Open Angle, H (Adult-Onset); Fibrillin-Like Protein; Fibrillin-Like; Fibulin 3; ARCL1D; GLC1H; DRAD; MLVT
Gene ID	2202.0
SwissProt ID	Q12805
Immunogen	Recombinant protein of human EFEMP1/Fibulin-3

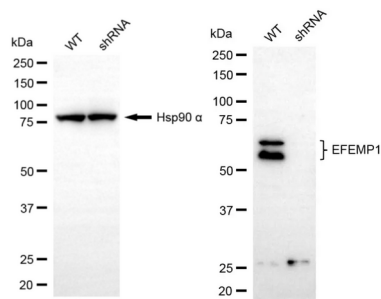
Background

This gene encodes a member of the fibulin family of extracellular matrix glycoproteins. Like all members of this family, the encoded protein contains tandemly repeated epidermal growth factor-like repeats followed by a C-terminus fibulin-type domain. This gene is upregulated in malignant gliomas and may play a role in the aggressive nature of these tumors. Mutations in this gene are associated with Doyme honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described.[provided by RefSeq, Nov 2009]

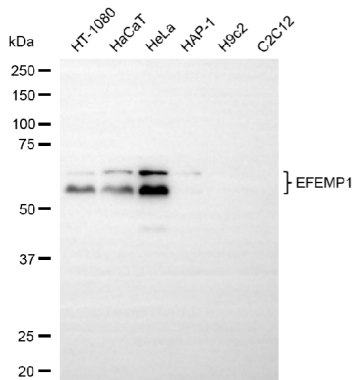
Research Area

Signal Transduction, Neuroscience

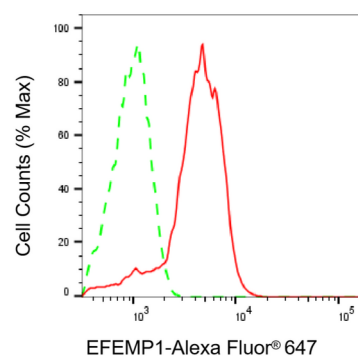
Image Data



Western blotting analysis using EFEMP1 antibody (KVA00388). EFEMP1 expression in wild-type (WT) and EFEMP1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with EFEMP1 antibody (KVA00388, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using EFEMP1 antibody (KVA00388). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with EFEMP1 antibody (KVA00388, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of EFEMP1 expression in HeLa cells using EFEMP1 antibody (KVA00388, 1:2,000). Green, isotype control; red, EFEMP1.