

KD-Validated Anti-EFEMP1 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI2210**Specification****KD-Validated Anti-EFEMP1 Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	Q12805
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 55 kDa; observed, 55-65 kDa
Gene Name	KDa
Aliases	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 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
Immunogen	Recombinant protein of human
	EFEMP1/Fibulin-3

KD-Validated Anti-EFEMP1 Rabbit Monoclonal Antibody - Additional Information

Gene ID	2202
Other Names	
EGF-containing fibulin-like extracellular matrix protein 1, Extracellular protein S1-5, Fibrillin-like protein, Fibulin-3, FIBL-3, EFEMP1, FBLN3, FBNL	

KD-Validated Anti-EFEMP1 Rabbit Monoclonal Antibody - Protein Information**Name** EFEMP1**Synonyms** FBLN3, FBNL**Function**

Binds EGFR, the EGF receptor, inducing EGFR autophosphorylation and the activation of downstream signaling pathways. May play a role in cell adhesion and migration. May function as a negative regulator of chondrocyte differentiation. In the olfactory epithelium, it may regulate glial cell migration, differentiation and the ability of glial cells to support neuronal neurite outgrowth.

Cellular Location

Secreted, extracellular space, extracellular matrix. Note=Localizes to the lamina propria

underneath the olfactory epithelium {ECO:0000250|UniProtKB:O35568}

Tissue Location

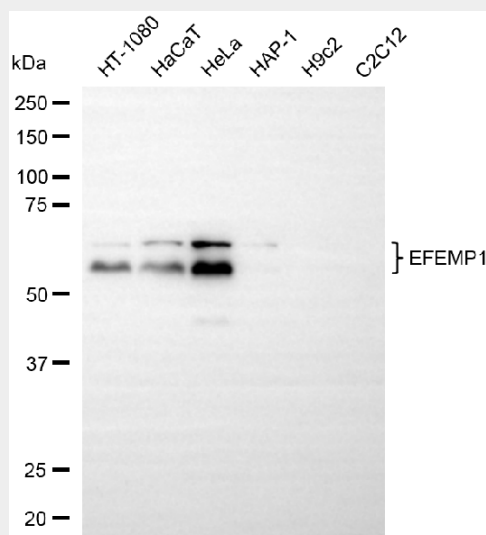
In the eye, associated with photoreceptor outer and inner segment regions, the nerve fiber layer, outer nuclear layer and inner and outer plexiform layers of the retina

KD-Validated Anti-EFEMP1 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

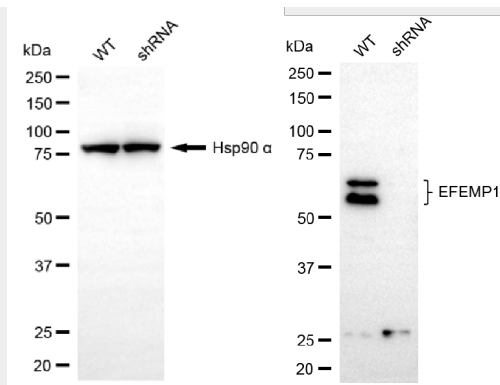
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-EFEMP1 Rabbit Monoclonal Antibody - Images



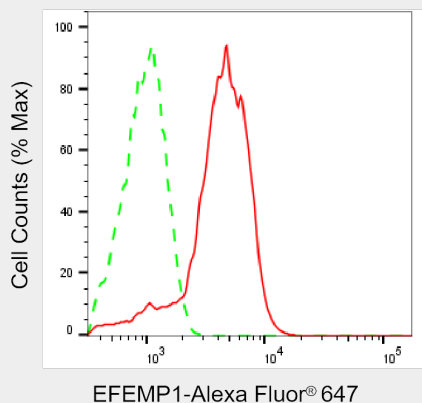
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Western blotting analysis using anti-EFEMP1 antibody (Cat#AGI2210). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EFEMP1 antibody (Cat#AGI2210, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-EFEMP1 antibody (Cat#AGI2210). 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 anti-EFEMP1 antibody (Cat#AGI2210, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of EFEMP1 expression in HeLa cells using anti-EFEMP1 antibody (Cat#AGI2210, 1:2,000). Green, isotype control; red, EFEMP1.