
Product Name: KD-Validated Engulfment And Cell Motility 1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01112**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
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
Molecular Weight	Calculated MW: 83.8kDa

Antigen Information

Gene Name	ELMO1 ELMO1; Engulfment And Cell Motility 1; KIAA0281; ELMO-1; CED-12; CED12; Engulfment
Alternative Names	And Cell Motility Protein 1; Engulfment And Cell Motility 1 (Ced-12 Homolog, C. Elegans); Protein Ced-12 Homolog; Ced-12 Homolog 1
Gene ID	9844.0
SwissProt ID	Q92556
Immunogen	A synthesized peptide derived from human ELMO1

Background

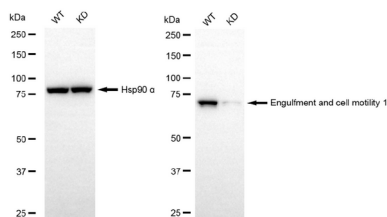
This gene encodes a member of the engulfment and cell motility protein family. These proteins interact with dedicator of

cytokinesis proteins to promote phagocytosis and cell migration. Increased expression of this gene and dedicator of cytokinesis 1 may promote glioma cell invasion, and single nucleotide polymorphisms in this gene may be associated with diabetic nephropathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

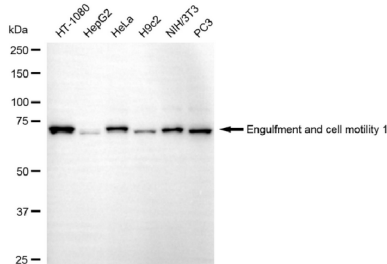
Research Area

Signal Transduction, Cell Biology, Cancer, Metabolism

Image Data



Western blotting analysis using engulfment and cell motility 1 antibody (KVA01112). Engulfment and cell motility 1 expression in wild-type (WT) and engulfment and cell motility 1 (ELMO1) knockdown (KD) HT-1080 cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with engulfment and cell motility 1 antibody (KVA01112, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using engulfment and cell motility 1 antibody (KVA01112). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with engulfment and cell motility 1 antibody (KVA01112, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.