

Product Name: KD-Validated Angio Associated Migratory Cell Protein Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA00219

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: 46.8kDa

Antigen Information

Gene Name	AAMP
Alternative Names	AAMP; Angio Associated Migratory Cell Protein; Angio-Associated Migratory Cell Protein
Gene ID	14.0
SwissProt ID	Q13685
Immunogen	A synthesized peptide derived from human AAMP

Background

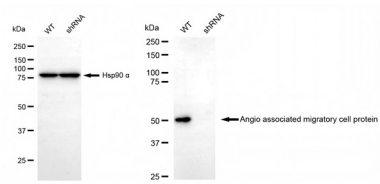
The gene is a member of the immunoglobulin superfamily. The encoded protein is associated with angiogenesis, with potential roles in endothelial tube formation and the migration of endothelial cells. It may also regulate smooth muscle cell migration via the RhoA pathway. The encoded protein can bind to heparin and may mediate heparin-sensitive cell adhesion. [provided by

RefSeq, Oct 2014]

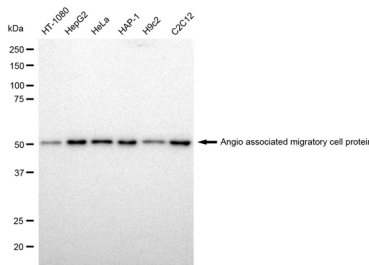
Research Area

Cardiovascular

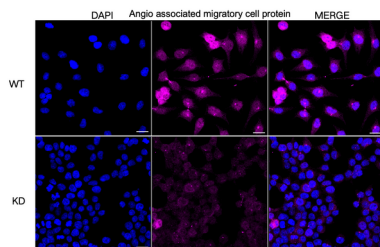
Image Data



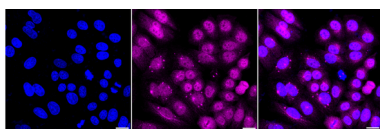
Western blotting analysis using angio associated migratory cell protein antibody (KVA00219). Angio associated migratory cell protein expression in wild type (WT) and angio associated migratory cell protein (AAMP) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with angio associated migratory cell protein antibody (KVA00219, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



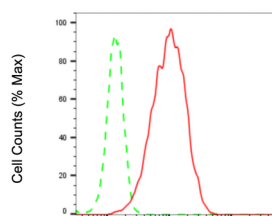
Western blotting analysis using Angio associated migratory cell protein antibody (KVA00219). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Angio associated migratory cell protein antibody (KVA00219, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells using Angio associated migratory cell protein antibody (KVA00219, 1:1,000), Top panel: wild-type (WT); Bottom panel: Angio associated migratory cell protein shRNA knockdown (KD). Nuclei were stained blue with DAPI; Angio associated migratory cell protein was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm. Permeabilization: Triton.



Immunocytochemical staining of HepG2 cells with Angio associated migratory cell protein antibody (KVA00219, 1:1000). Nuclei were stained blue with DAPI; Angio associated migratory cell protein was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Angio associated migratory cell protein-Alexa Fluor® 647

Flow cytometric analysis of angio associated migratory cell protein expression in HepG2 cells using angio associated migratory cell protein antibody (KVA00219, 1:2,000). Green, isotype control; red, angio associated migratory cell protein.