

Product Datasheet

AHA1 Antibody (RPE) (orb147692)

Catalog Number	orb147692
Category	Antibodies
Description	Rat monoclonal to Aha1 (RPE). Aha1 is a member of the Hsp90 cochaperone family, and is thought to stimulate Hsp90 ATPase activity by competing with p23 and other co-chaperones for Hsp90 binding. It may affect a step in the endoplasmic reticulum to Golgi trafficking. Aha1 also interacts with HSPCA/Hsp90 and with the cytoplasmic tail of the vesicular stomatitis virus glycoproteins (VSV G). Aha1 is expressed in numerous tissues, including the brain, heart, skeletal muscle, and kidney, and at low levels, the liver and placenta. Aha1 might be a potential therapeutic strategy to increase sensitivity to HSP inhibitors..
Target	AHA1
Clonality	Monoclonal
Species/Host	Rat
Isotype	IgG2a Kappa
Conjugation	RPE
Reactivity	Human, Mouse, Rat
Concentration	1 mg/ml
Buffer/Preservatives	95.46mM Phosphate, 2.48mM MES and 2mM EDTA
Purification	Protein G Purified
Immunogen	Mouse Aha1
UniProt ID	Q8BK64

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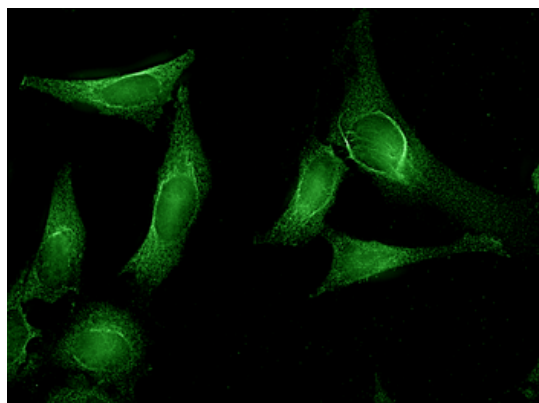
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MW	38kDa
Tested applications	ELISA, ICC, IF, IHC, IP, WB
Dilution range	WB (1:1000), IHC (1:100), ICC/IF (1:1000), IP (1:1000)
Application notes	1 µg/ml of SMC-173 was sufficient for detection of Aha1 in 10 µg of rat tissue lysate by colorimetric immunoblot analysis using Goat anti-rat IgG:HRP as the secondary antibody.
Clone Number	25F2.D10
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	217737
NCBI	NP_666148.1



Immunocytochemistry/Immunofluorescence analysis using Rat Anti-Aha1 Monoclonal Antibody, Clone 25F2.D10. Tissue: Cervical cancer cell line (HeLa). Species: Human. Primary Antibody: Rat Anti-Aha1 Monoclonal Antibody at 1:1000. Secondary Antibody: FITC Goat Anti-Rat (green).

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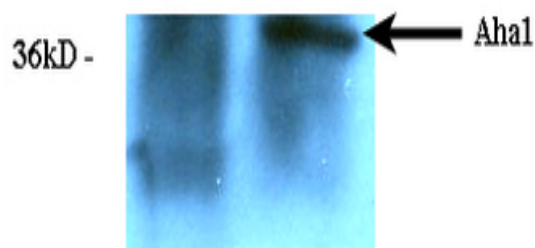
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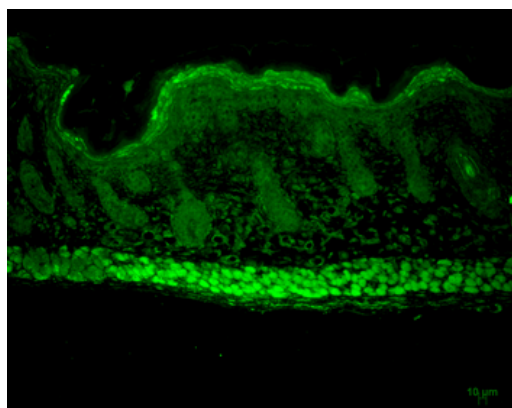
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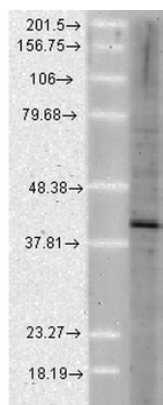
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Control IP

Immunoprecipitation analysis using Rat Anti-Aha1 Monoclonal Antibody, Clone 25F2.D10. Tissue: HeLa cells. Species: Human. Primary Antibody: Rat Anti-Aha1 Monoclonal Antibody at 1:1000.



Immunohistochemistry analysis using Rat Anti-Aha1 Monoclonal Antibody, Clone 25F2.D10. Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Rat Anti-Aha1 Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Rat (green) at 1:50 for 1 hour at RT. Localization: Uppermost epidermis staining, and muscle.



Western Blot analysis of Human Cell lysates showing detection of Aha1 protein using Rat Anti-Aha1 Monoclonal Antibody, Clone 25F2.D10. Load: 15 μg. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Rat Anti-Aha1 Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.

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