

## Product Datasheet

### AHA1 Antibody (APC) (orb147686)

<b>Catalog Number</b>	orb147686
<b>Category</b>	Antibodies
<b>Description</b>	Rat monoclonal to Aha1 (APC). 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..
<b>Target</b>	AHA1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Rat
<b>Isotype</b>	IgG2a Kappa
<b>Conjugation</b>	APC
<b>Reactivity</b>	Human, Mouse, Rat
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	95.46mM Phosphate, 2.48mM MES and 2mM EDTA
<b>Purification</b>	Protein G Purified
<b>Immunogen</b>	Mouse Aha1
<b>UniProt ID</b>	<b>Q8BK64</b>

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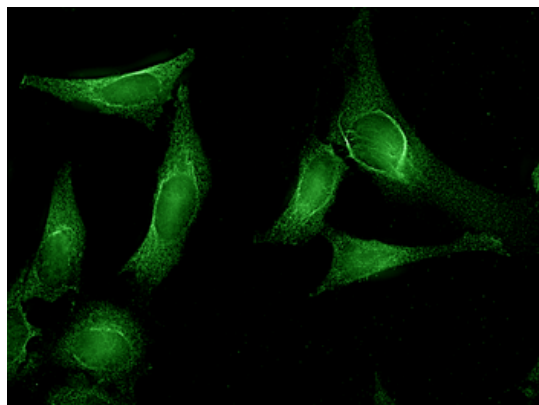
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<b>MW</b>	38kDa
<b>Tested applications</b>	ELISA, ICC, IF, IHC, IP, WB
<b>Dilution range</b>	WB (1:1000), IHC (1:100), ICC/IF (1:1000), IP ( 1:1000)
<b>Application notes</b>	1 µg/ml was sufficient for detection of Aha1 in 10 µg of rat tissue lysate by colorimetric immunoblot analysis using Goat anti-rat IgG:HRP as the secondary antibody.
<b>Specificity</b>	Detects ~38kDa. Can run up to 45kDa on SDS Page.
<b>Clone Number</b>	25F2.D10
<b>Storage</b>	Conjugated antibodies should be stored according to the product label
<b>Note</b>	For research use only
<b>Entrez</b>	<b>217737</b>
<b>NCBI</b>	<b>NP_666148.1</b>
<b>Expiration Date</b>	12 months from date of receipt.



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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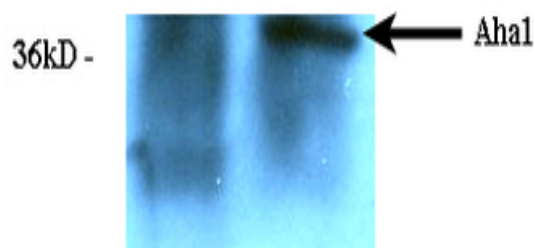
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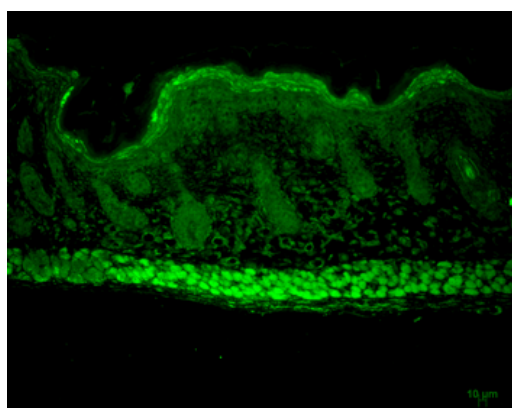
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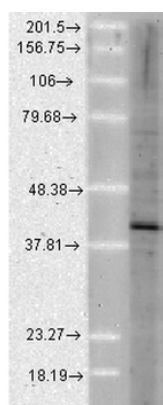
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**Control IP**

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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