

# SMARCC1 Recombinant Rabbit Monoclonal Antibody (ARC0948)

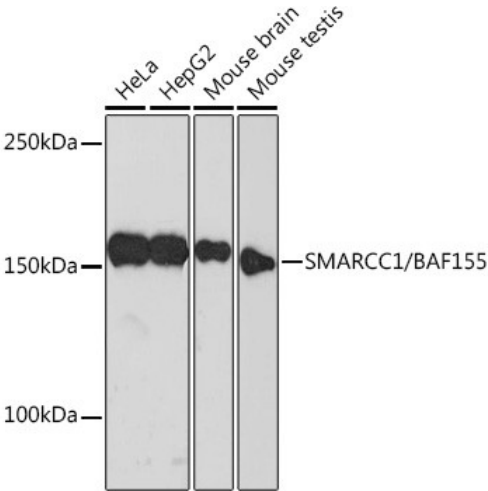
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	ARC0948
Conjugate	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 700-800 of human SMARCC1/BAF155 (Q92922)
Form	Liquid
Concentration	0.45 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol, 0.05% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2849376

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-
ChIP assay (ChIP)	1:50-1:200	-

## Product Specific Information

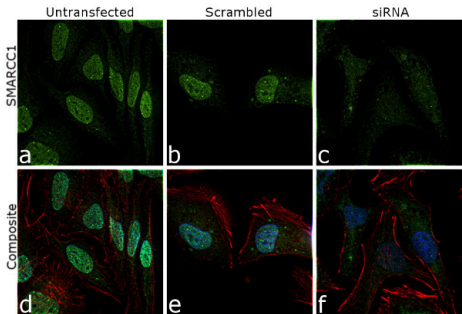
Immunogen sequence: AFLASVVDPR VASAAAKAAL EEFSRVREEV PLELVEAHVK KVQEAAARASG KVDPTYGLES  
SCIAGTGPDPE PEKLEGAE EEE KMEADPDGQQ PEKAENKVEN E

Product Images For SMARCC1 Recombinant Rabbit Monoclonal Antibody (ARC0948)



SMARCC1 Antibody (MA5-35475) in WB

Western blot analysis of SMARCC1 in extracts of various cell lines. Samples were incubated with SMARCC1 Monoclonal antibody (Product # MA5-35475) using a dilution of 1:500, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3 min.



SMARCC1 Antibody (MA5-35475)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with SMARCC1 siRNA and decrease in signal intensity was observed in ICC application using Anti-SMARCC1 Recombinant Rabbit Monoclonal Antibody (ARC0948) (Product # MA5-35475). {KD}

SMARCC1 Antibody (MA5-35475) in ICC/IF

Immunofluorescence analysis of SMARCC1 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with SMARCC1 Recombinant Rabbit Monoclonal Antibody (ARC0948) (Product # MA5-35475) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), 1:2000 dilution, for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300 dilution). Panel d represents the merged image showing nuclear and cytosolic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X with oil immersion magnification.

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