

# MSI1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 176 and 362 of Human MSI1
Form	Liquid
Concentration	0.69 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2544925

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100-1:1000	-
Immunofluorescence (IF)	1:100-1:1000	-
Immunohistochemistry (Frozen) (IHC (F))	1:100-1:1000	-
Immunoprecipitation (IP)	Assay Dependent	-
Western Blot (WB)	1:500-1:3000	-

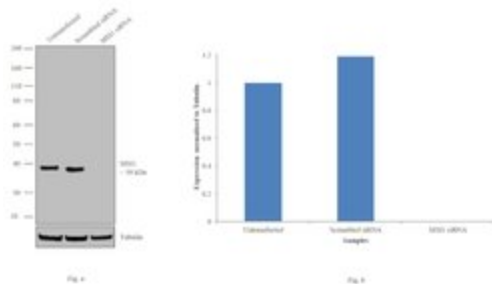
## Product Specific Information

Recommended positive controls: SH-SY-5Y, mouse fetal brain.

Predicted reactivity: Mouse (99%), Rat (100%), Xenopus laevis (81%), Pig (98%), Bovine (100%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

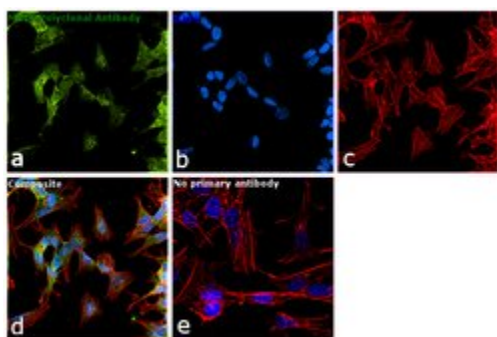
## Advanced Verification Data



### MSI1 Antibody (PA5-27449)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HEK-293 cells were transfected with MSI1 siRNA and reduction of signal was observed in Western Blot using MSI1 Polyclonal Antibody (Product # PA5-27449). Knockdown validation info.

## Product Images For MSI1 Polyclonal Antibody



### MSI1 Antibody (PA5-27449) in IF

Immunofluorescence analysis of MSI1 was performed using 70% confluent log phase SH-SY5Y cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with anti-MSI1 Polyclonal Antibody (Product # PA5-27449) at 1:100 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 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). Panel d represents the merged image showing Nuclear and Cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification



Costained with Hoechst 33342



### MSI1 Antibody (PA5-27449) in IF

Immunofluorescent analysis of MSI1 in paraformaldehyde-fixed A549 cells using a MSI1 polyclonal antibody (Product # PA5-27449) at a 1:200 dilution.

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