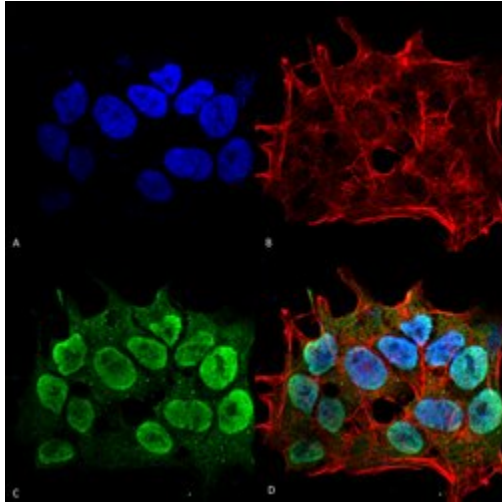


SHANK3 Monoclonal Antibody (S367-51)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	S367-51
Conjugate	Unconjugated
Immunogen	Fusion protein amino acids 538-626 (SH3 domain) of rat SHANK3. Mouse: 100% identity (89/89 amino acids identical). Human: 97% identity (87/89 amino acids identical). ~70% identity with SHANK1 and SHANK2.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2735362

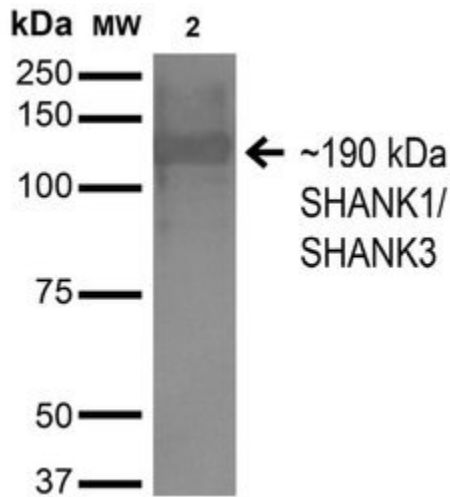
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (PFA fixed) (IHC (PFA))	1:100	-
Immunocytochemistry (ICC/IF)	1:100	-

Product Images For SHANK3 Monoclonal Antibody (S367-51)



SHANK3 Antibody (MA5-27602) in ICC/IF

Immunofluorescent analysis of SHANK3 in human neuroblastoma cell line (SK-N-BE). Sample was fixed with 4% formaldehyde (15 min at RT), incubated with SHANK3 monoclonal antibody (Product # MA5-27602) using a dilution of 1:100 (1 hour at RT), and followed by Goat Anti-Mouse 488, Phalloidin Texas Red and DAPI secondary antibody at a dilution of 1:100, 1:1000 (60 min at RT) and 1:5000 (5 min at RT). Images are shown as follows: (A) DAPI (blue) nuclear stain, B) Phalloidin Texas Red F-Actin stain, C) SHANK1/SHANK3 Antibody, D) Merged image. Magnification: 60x.



SHANK3 Antibody (MA5-27602) in WB

Western blot analysis of SHANK3 in monkey COS cells transfected with HA-tagged Shank1 with 15 µg of sample. The sample was blocked with 2% BSA and 2% skim milk in TBST, incubated with SHANK3 monoclonal antibody (Product # MA5-27602) using a dilution of 1:200 (16 hours at RT), followed by Goat Anti-Mouse HRP (1 hour at RT) at a dilution of 1:1000 and ECL development (6 min at RT). Samples were arranged as follows: Lane 1: Molecular Weight Ladder, Lane 2: Monkey COS cells transfected with HA-tagged Shank1.

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