

## Product datasheet for 73-343

### Shank3 Mouse Monoclonal Antibody [Clone ID: N367/51]

#### Product data:

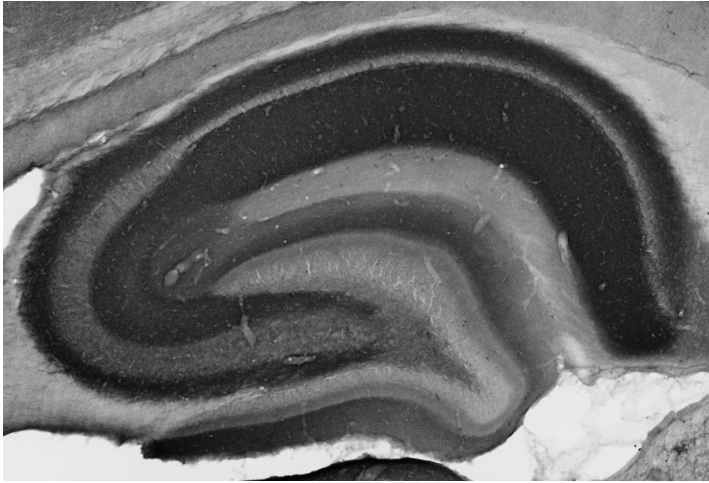
Product Type:	Primary Antibodies
Clone Name:	N367/51
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 538-626 (SH3 domain) of rat Shank3 (also known as SH3 and multiple ankyrin repeat domains protein 3, Proline-rich synapse-associated protein 2, ProSAP2, PSAP2, SPANK-2 and Kiaa1650, accession number Q9JLU4). Mouse: 100% identity (89/89 amino acids identical) Human: 97% identity (87/89 amino acids identical) ~70% identity with Shank1 and Shank2
Specificity:	Cross-reacts with Shank1. Does not cross-react with Shank2.
Formulation:	State: Supernatant
Gene Name:	SH3 and multiple ankyrin repeat domains 3
Database Link:	<a href="#">Entrez Gene 59312 Rat</a>
Synonyms:	DEL22q13.3; KIAA1650; prosap2; PSAP2; SPANK-2



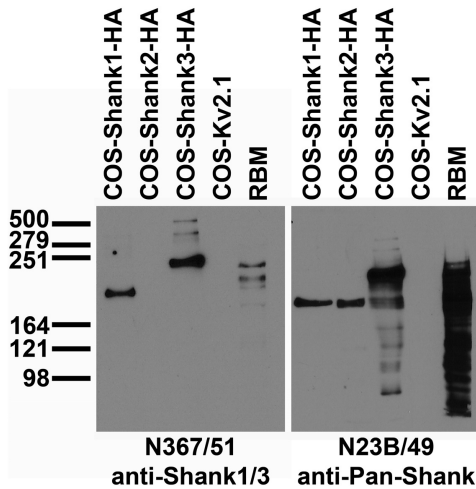
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**Note:** USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody \_ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616." Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB\_2120479) to avoid ambiguity. [View Research License Agreement](#)

**Product images:**



Adult rat hippocampus immunohistochemistry



Adult rat brain membrane (RBM) and transfected cell immunoblot: extracts of RBM and COS cells transiently transfected with HA-tagged Shank1, Shank2, Shank3 or untagged Kv2.1 plasmid and probed with N367/51 (left) or N23B/49 (right) TC supe.