

# Product Datasheet

## SHANK1 Antibody [CoraFluor™ 1] NB300-167CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB300-167CL1**

SHANK1 Antibody [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.
Host	Rabbit
Gene ID	50944
Gene Symbol	SHANK1
Species	Human, Mouse, Rat
Reactivity Notes	Human, rat and mouse. Other species have not been tested.
Specificity/Sensitivity	Reacts with residues [SGPIYPGLDIRSS] of the C-terminus of the SHANK1 protein.
Immunogen	residues [SGPIYPGLDIRSS] of the C-terminus of the SHANK1 protein.
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NB300-167CL1**

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NBP2-33971PEP	SHANK1 Recombinant Protein Antigen
NBP1-87016PEP	SHANK1 Recombinant Protein Antigen
NB300-556	PSD-95 Antibody (6G6-1C9) - BSA Free
NBP1-85047	Tight Junction Protein 1 Antibody

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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