

# Product Datasheet

## ROCK1 Antibody (154C1465) [Biotin] - (active/cleaved) NB100-56596B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56596B**

ROCK1 Antibody (154C1465) [Biotin] - (active/cleaved)

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.
Clonality	Monoclonal
Clone	154C1465
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	6093
Gene Symbol	ROCK1
Species	Human, Mouse, Rat, Canine, Primate, Rabbit
Reactivity Notes	Human reactivity reported in scientific literature (PMID:32861242). Cross reacts with Chimpanzee.
Specificity/Sensitivity	This mAb recognizes the cleaved C-terminus of ROCK-1. It does not recognize the full-length protein. Since ROCK-1 is cleaved by caspase-3 during apoptosis, this may be used for detection of apoptosis.
Immunogen	This antibody was generated by immunizing mice with a synthetic peptide sequence corresponding to amino acids 1114-1126 GNLPESTRIEGWLS of human ROCK-1. This sequence is 100% conserved between human, chimpanzee, mouse, rat, dog, and rabbit. This immunogen peptide sequence is adjacent to the caspase-3 cleavage site of ROCK-1.
Notes	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-56596B**

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NBP2-29370	Streptavidin Native Protein
NBP1-97293	Mouse IgG Fc Isotype Control [Biotin]
NB100-56596C	ROCK1 Antibody (154C1465) [DyLight 650] - (active/cleaved)
NBP2-13244PEP	ROCK1 Recombinant Protein Antigen

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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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