

# Product Datasheet

## ROCK1 Antibody (154C1465) [HRP] - (active/cleaved) NB100-56596H

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56596H**

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

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	154C1465
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	6093
<b>Gene Symbol</b>	ROCK1
<b>Species</b>	Human, Mouse, Rat, Canine, Primate, Rabbit
<b>Reactivity Notes</b>	Human reactivity reported in scientific literature (PMID:32861242). Cross reacts with Chimpanzee.
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	This antibody was generated by immunizing mice with a synthetic peptide sequence corresponding to amino acids 1114-1126 GNLPESRIEGWLS 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.
<b>Notes</b>	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**

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



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## Products Related to NB100-56596H

NBP1-97073	Mouse IgG Isotype Control [HRP]
NB100-56596B	ROCK1 Antibody (154C1465) [Biotin] - (active/cleaved)
NBP1-82450PEP	ROCK1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

## 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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