

# Product Datasheet

## **ROCK1 Antibody (154C1465) [DyLight 405] - (active/cleaved) NB100-56596V**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56596V**

ROCK1 Antibody (154C1465) [DyLight 405] - (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>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	DyLight 405
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Description</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.
<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>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

**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 NB100-56596V

NB100-56596B	ROCK1 Antibody (154C1465) [Biotin] - (active/cleaved)
NBP2-13244PEP	ROCK1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-07756	ROCK1 Overexpression Lysate

## 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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