

# Product Datasheet

## beta-Actin Antibody (BLR057F) NBP2-76367

Unit Size: 100 ul

Store at 2 - 8 C / 1 year from date of receipt

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### Publications: 2

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**NBP2-76367**

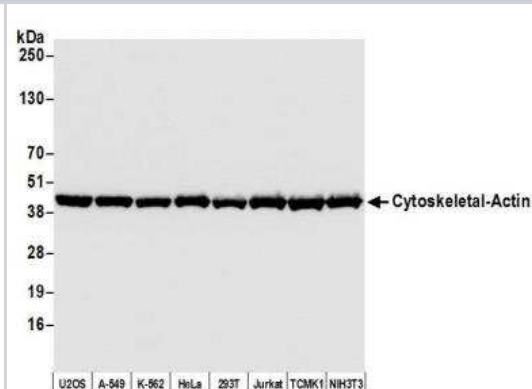
beta-Actin Antibody (BLR057F)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 2 - 8 C / 1 year from date of receipt
Clonality	Monoclonal
Clone	BLR057F
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA
Target Molecular Weight	42 kDa
Product Description	
Host	Rabbit
Gene ID	60
Gene Symbol	ACTB
Species	Human, Mouse
Immunogen	The immunogen sequence for this recombinant beta-Actin Antibody (BLR057F) falls between amino acids 1 and 50
Notes	This Product sold under License from Bethyl Laboratories, Inc.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:100 - 1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

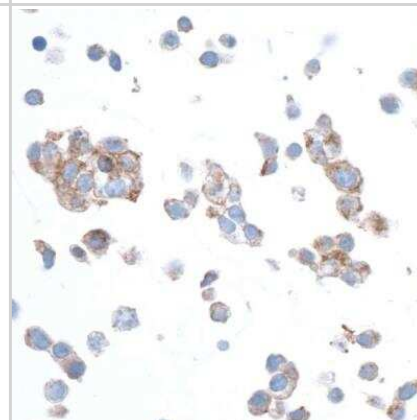


## Images

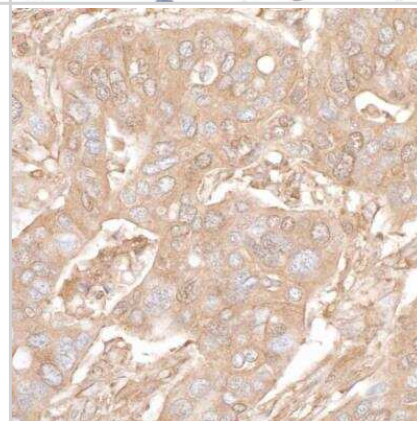
**Western Blot: beta-Actin Antibody (BLR057F) [NBP2-76367]** - Detection of human and mouse Cytoskeletal Actin by Western Blot of U2OS, A-549, K-562, HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 lysate. Antibody: Rabbit anti-Cytoskeletal Actin recombinant monoclonal [BLR057F] (NBP2-76367). Secondary: HRP-conjugated goat anti-rabbit IgG..



**Immunocytochemistry/Immunofluorescence: beta-Actin Antibody (BLR057F) [NBP2-76367]** - Detection of human Cytoskeletal Actin in FFPE HeLa cells by immunocytochemistry. Antibody: Rabbit anti-Cytoskeletal Actin recombinant monoclonal [BLR057F] (NBP2-76367). Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



**Immunohistochemistry-Paraffin: beta-Actin Antibody (BLR057F) [NBP2-76367]** - Detection of human Cytoskeletal Actin in FFPE ovarian carcinoma by immunohistochemistry. Antibody: Rabbit anti-Cytoskeletal Actin recombinant monoclonal [BLR057F] (NBP2-76367). Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



## Publications

Huaxing Wang, Zongxiu Zhang, Jarin Hongpaisan PKC $\epsilon$  activator protects hippocampal microvascular disruption and memory defect in 3 $\times$ Tg-Alzheimer's disease mice with cerebral microinfarcts *Frontiers in Aging Neuroscience* 2023-12-15 [PMID: 38187357]

Millien G, Wang H, Zhang Z et al. PKC epsilon Activation Restores Loss of PKC epsilon, Manganese Superoxide Dismutase, Vascular Endothelial Growth Factor, and Microvessels in Aged and Alzheimer's Disease Hippocampus *Frontiers in aging neuroscience* 2022-03-01 [PMID: 35299945] (WB, Human)



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### **Products Related to NBP2-76367**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB600-503PEP	beta-Actin Antibody Blocking Peptide

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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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