

# Product Datasheet

## DRP1 Antibody (4E11B11) - BSA Free NBP2-23489

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP2-23489**

DRP1 Antibody (4E11B11) - BSA Free

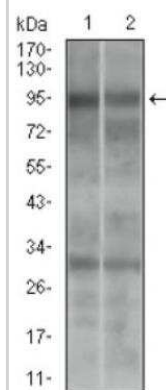
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E11B11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS, 0.5% proprietary protein stabilizer

Product Description	
Description	Novus Biologicals Mouse DRP1 Antibody (4E11B11) - BSA Free (NBP2-23489) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-DRP1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10059
Gene Symbol	DNM1L
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:32693013).
Immunogen	Partial recombinant human DRP1 (between residues 100-250) expressed in E. coli. [Uniprot: O00429]

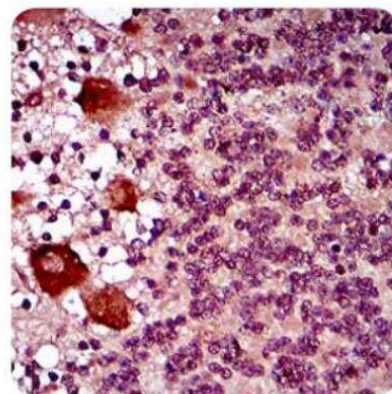
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

**Images**

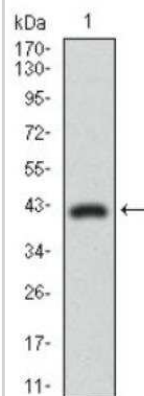
Western Blot: DRP1 Antibody (4E11B11) [NBP2-23489] - Analysis using DRP1 mouse mAb in (1) A549 and (2) Jurkat cell lysates.



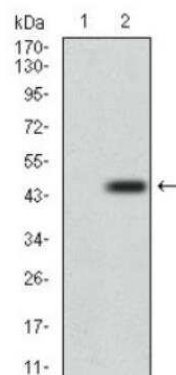
Immunohistochemistry: DRP1 Antibody (4E11B11) [NBP2-23489] - Analysis of paraffin-embedded human cerebellum tissues using DRP1 mouse mAb with DAB staining.



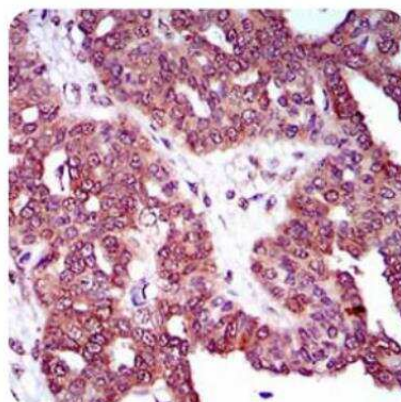
Western Blot: DRP1 Antibody (4E11B11) [NBP2-23489] - Analysis using DRP1 mAb in human DRP1 recombinant protein. (Expected MW is 41.8 kDa)



Western Blot: DRP1 Antibody (4E11B11) [NBP2-23489] - Analysis using DRP1 mAb in (1) HEK293 and (2) DRP1 hlgGFc transfected HEK293 cell lysate.



Immunohistochemistry: DRP1 Antibody (4E11B11) [NBP2-23489] - Analysis of paraffin-embedded human ovarian cancer tissues using DRP1 mouse mAb with DAB staining.



## Publications

Manzetti J, Weissbach Fh, Unterstab G, Wernli M BK polyomavirus evades innate immune sensing by disrupting the mitochondrial network and membrane potential and by promoting mitophagy iScience 2020-06-30 [PMID: 32599557]

Halder A, Yadav K, Aggarwal A et al. Activation of TNFR1 and TLR4 following oxygen glucose deprivation promotes mitochondrial fission in C6 astroglial cells Cell. Signal. 2020-07-18 [PMID: 32693013] (WB, ICC/IF, FLOW, Rat)



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### **Products Related to NBP2-23489**

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NB800-PC2	Jurkat Whole Cell Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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