

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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NBP2-23489

DRP1 Antibody (4E11B11) - BSA Free

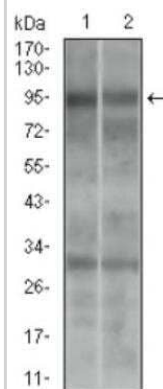
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E11B11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS, 0.5% protein stabilizer

Product Description	
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]

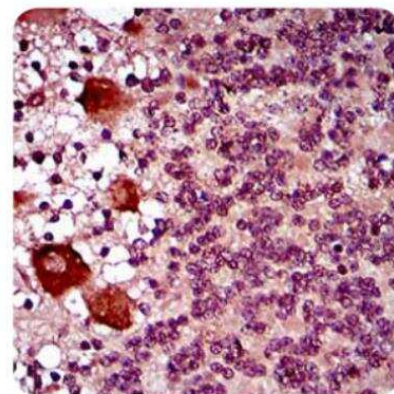
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

Images

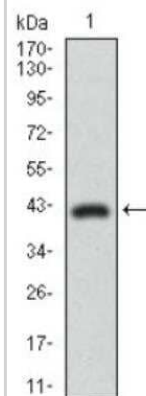
Western Blot: DRP1 Antibody (4E11B11) [NBP2-23489] - Analysis using DRP1 mouse mAb in (1) A549 and (2) Jurkat cell lysates.



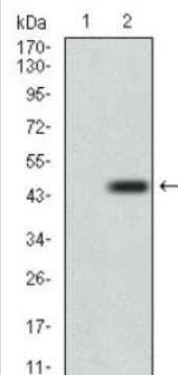
Immunohistochemistry: DRP1 Antibody (4E11B11) [NBP2-23489] - Analysis of paraffin-embedded human cerebellum tissues using DRP1 mouse mAb with DAB staining.



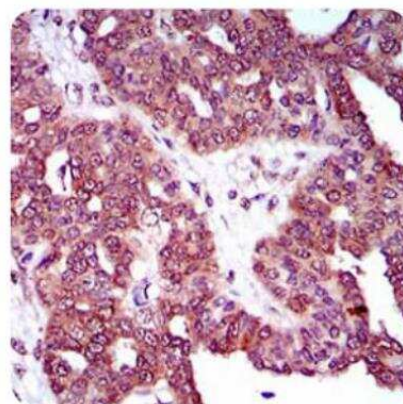
Western Blot: DRP1 Antibody (4E11B11) [NBP2-23489] - Analysis using DRP1 mAb in human DRP1 recombinant protein. (Expected MW is 41.8 kDa)



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

NB800-PC2	Jurkat Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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