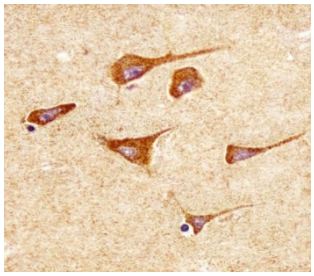
Superoxide Dismutase 2 Antibody / SOD2 / SODM [clone 1559CT572.3.83] (F54485)

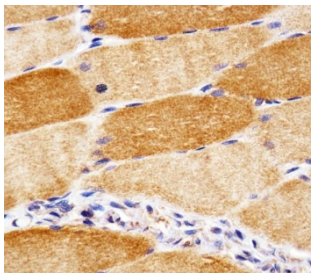
Catalog No.	Formulation	Size
F54485-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54485-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

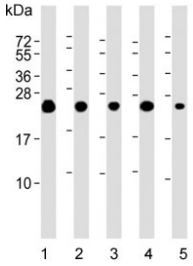
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	IgG1,kappa
Clone Name	1559CT572.3.83
Purity	Protein G affinity
UniProt	P04179
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25 Flow Cytometry : 1:25 (1x10e6 cells)
Limitations	This Superoxide Dismutase 2 antibody is available for research use only.



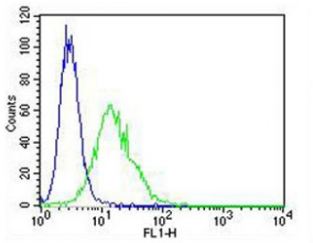
IHC testing of FFPE human brain tissue with Superoxide Dismutase 2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human skeletal muscle tissue with Superoxide Dismutase 2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of 1) human brain, 2) human HeLa, 3) human MCF7, 4) mouse NIH 3T3 and 5) human SH-SY5Y lysate with Superoxide Dismutase 2 antibody. Predicted molecular weight ~25 kDa.



Flow cytometry testing of fixed and permeabilized human A549 cells with Superoxide Dismutase 2 antibody; Blue=isotype control, Green= Superoxide Dismutase 2 antibody.

Description

Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Superoxide Dismutase 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human protein was used as the immunogen for the Superoxide Dismutase 2 antibody.

Storage

Aliquot the Superoxide Dismutase 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com