

MNSOD / SOD2 Antibody
Mouse Monoclonal Antibody
Catalog # ALS12660**Specification**

MNSOD / SOD2 Antibody - Product Information

Application	WB, IHC
Primary Accession	P04179
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	25kDa KDa

MNSOD / SOD2 Antibody - Additional Information**Gene ID** 6648**Other Names**

Superoxide dismutase [Mn], mitochondrial, 1.15.1.1, SOD2

Reconstitution & Storage

Store at -20°C.

Precautions

MNSOD / SOD2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

MNSOD / SOD2 Antibody - Protein Information**Name** SOD2**Function**

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

Cellular Location

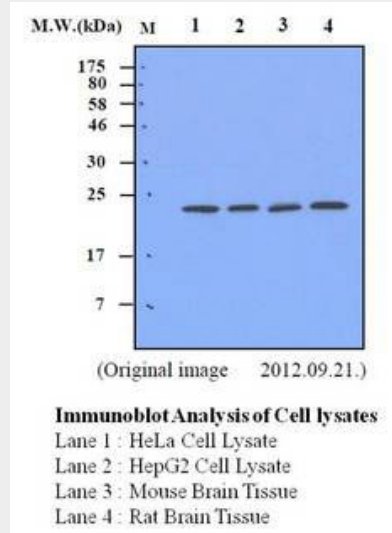
Mitochondrion matrix.

MNSOD / SOD2 Antibody - Protocols

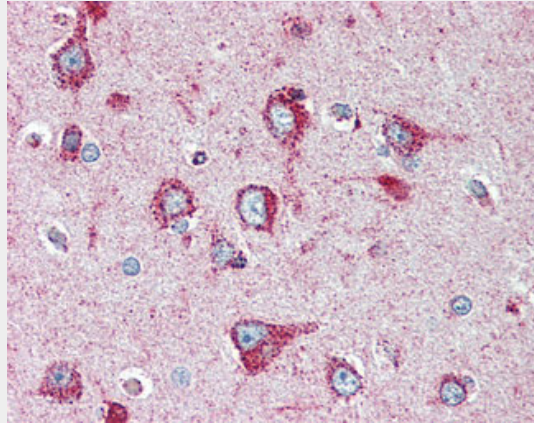
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

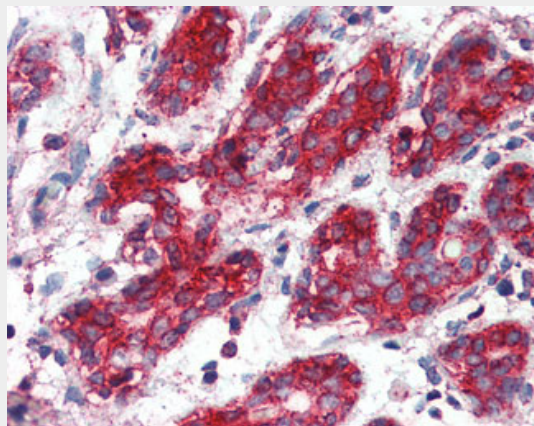
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MNSOD / SOD2 Antibody - Images

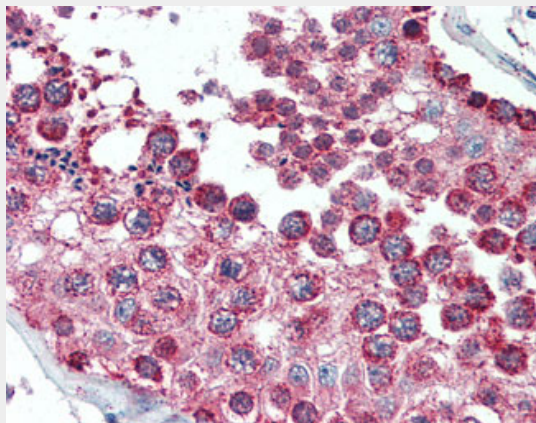
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Anti-SOD2 / MNSOD antibody IHC of human brain, cortex.



Anti-SOD2 / MNSOD antibody IHC of human breast.



Anti-SOD2 / MNSOD antibody IHC of human testis.

MNSOD / SOD2 Antibody - Background

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

MNSOD / SOD2 Antibody - References

- Wispe J.R., et al. *Biochim. Biophys. Acta* 994:30-36(1989).
- Beck Y., et al. *Nucleic Acids Res.* 15:9076-9076(1987).
- Heckl K., et al. *Nucleic Acids Res.* 16:6224-6224(1988).
- Ho Y.-S., et al. *FEBS Lett.* 229:256-260(1988).
- Church S.L., et al. *Biochim. Biophys. Acta* 1087:250-252(1990).