

phospho-Nrf2 (Ser40) monoclonal antibody

Catalog: BS65507

Host: Rabbit

Reactivity: Human

BackGround:

Nuclear factor erythroid 2-related factor 2 (Nrf2) is a transcription factor which regulates the expression of many detoxification and antioxidant enzymes. Nrf2 can potentially play a significant role in adaptive responses to oxidative stress. Nrf2 belongs to the Cap N Collar (CNC-bZIP) subfamily of basic /leucine zipper (bZIP) transcription factors.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~100 kDa

Swiss-Prot:

Q16236

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

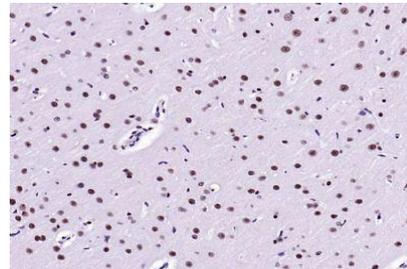
Storage&Stability:

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

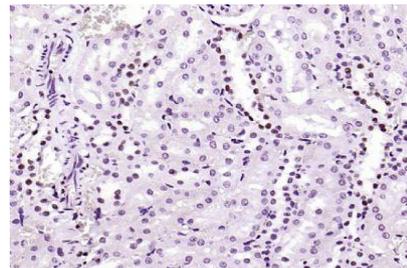
Specificity:

Phospho-Nrf2 (Ser40) monoclonal antibody detects endogenous levels of Nrf2 protein only when phosphorylated at Ser40.

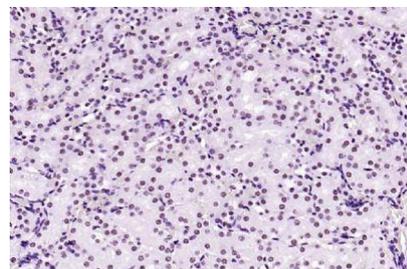
DATA:



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (phospho-Nrf2 (Ser40)) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4 °C.



Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (phospho-Nrf2 (Ser40)) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4 °C.



Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes;

Bioworld Technology, Inc.

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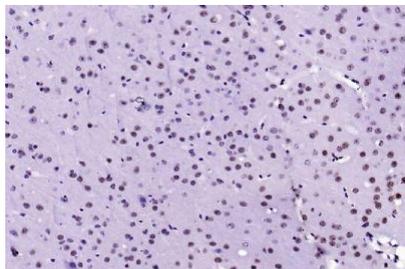
Fax: 0086-025-68035151



PRODUCT DATA SHEET

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Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (phospho-Nrf2 (Ser40)) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4 °C.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (phospho-Nrf2 (Ser40)) Monoclonal Antibody, Unconjugated at

1:200 overnight at 4 °C.

Note:

For research use only, not for use in diagnostic procedure.

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