

Nrf2 (phospho-S40) Rabbit monoclonal antibody

Catalog: BS9919M

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 68, 90 kDa

Swiss-Prot:

Q16236

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:5000

ICC/IF: 1:50-1:200

IHC: 1:50-1:200

FC: 1:50-1:100

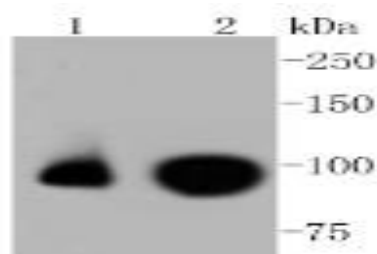
Storage&Stability:

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

Specificity:

This antibody detects endogenous levels of Nrf2 only when phosphorylated at Ser40.

DATA:



Western blot (WB) analysis of Nrf2 (phospho-S40) Rabbit mAb at

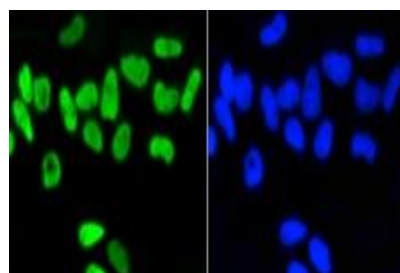
1:1000 dilution

Lane1:HepG2 whole cell lysate

Lane2:Raji whole cell lysate



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Phospho-Nrf2 (S40) antibody. Counter stained with hematoxylin.



ICC staining Phospho-Nrf2(S40) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Note:

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

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