

Recombinant**DGRmAb®****Phospho-Nrf2 (Ser40) (DGR11634) Rabbit mAb (PBS Only)****db14010-PBS****Package : 100µg****Product Name :** Phospho-Nrf2 (Ser40) (DGR11634) Rabbit mAb (PBS Only)**Cat.No.:** db14010-PBS**Synonyms :** NRF2; HEBP1**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human**Host species :** Rabbit**Background**

This gene encodes a transcription factor which is a member of a small family of basic leucine zipper (bZIP) proteins. The encoded transcription factor regulates genes which contain antioxidant response elements (ARE) in their promoters; many of these genes encode proteins involved in response to injury and inflammation which includes the production of free radicals. Multiple transcript variants encoding different isoforms have been characterized for this gene. [provided by RefSeq, Sep 2015]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser40 of human Nrf2

Gene ID

4780

Swiss Prot

Q16236

Synonyms

NRF2; HEBP1

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC

Calculated MW

68 kDa

Observed MW

100 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11634

Isotype

IgG

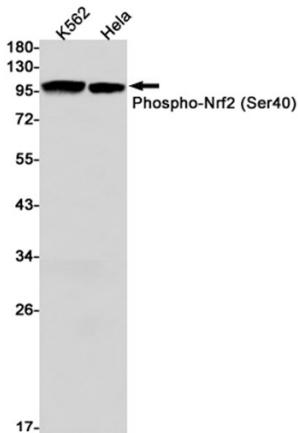
Purity

Affinity Purification

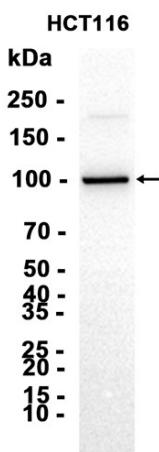
Conjugation

Un-conjugated

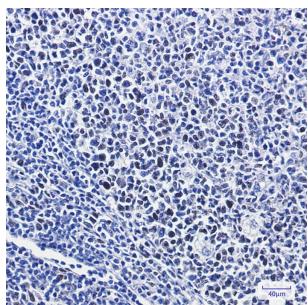
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Phospho-Nrf2 (Ser40) in K562,HeLa cell lysates using Phospho-Nrf2 (Ser40) antibody(1:1000 diluted).



Western blot analysis of extracts from HCT116 cells using db14010 at 1:2000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db14010 antibody.