

Recombinant

DGRmAb®

## Phospho-Nrf2 (Ser40) (DGR11634) Rabbit mAb

db14010

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-Nrf2 (Ser40) (DGR11634) Rabbit mAb**Cat.No.:** db14010**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

**Recommended dilution**

WB: 1:2000-1:20000

IHC-P: 1:100-1:500

ICC/IF: 1:100-1:200

FC: 1:50-1:100

**Calculated MW**

68 kDa

**Observed MW**

100 kDa

**Host species**

Rabbit

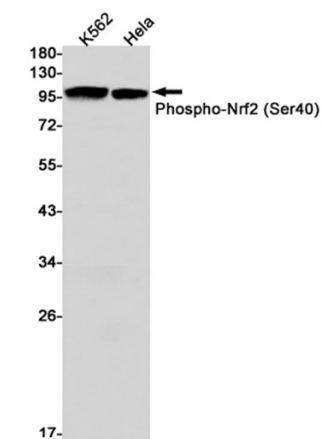
**Clonality**

Monoclonal

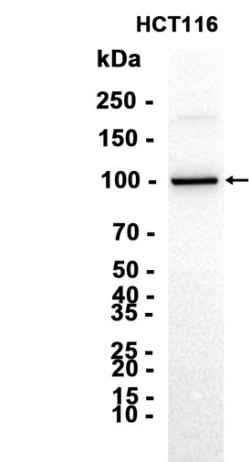
**Clonality No.**

DGR11634

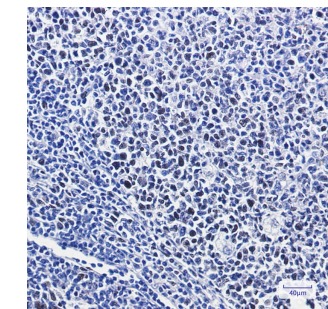
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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.