

**Recombinant****DGRmAb®****Nrf2 Rabbit (DGR14291) Rabbit mAb (PBS Only)****db15352-PBS****Package : 100µg****Product Name :** Nrf2 Rabbit (DGR14291) Rabbit mAb (PBS Only)**Cat.No.:** db15352-PBS**Synonyms :** NRF2; HEBP1**Application :** WB, 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 peptide of human Nrf2

**Gene ID**

4780

**Swiss Prot**

Q16236

**Synonyms**

NRF2; HEBP1

**Reactivity**

Human

**Application**

WB, ICC/IF, FC

**Calculated MW**

68 kDa

**Observed MW**

100 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR14291

**Isotype**

IgG

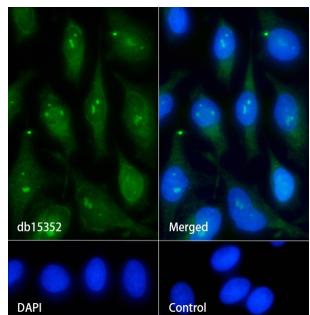
**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

<b>Concentration</b>	1 mg/ml
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.



Immunofluorescence analysis of HeLa cells labelling Nrf2 Rabbit with db15352.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15352 (1:500) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 ([db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.