Recombinant DGRmAb®

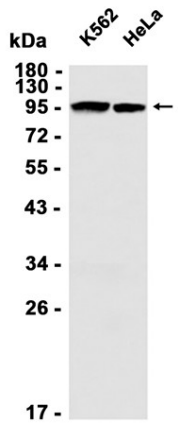
Phospho-Nrf2 (Ser40) (DGR11634) Rabbit mAb

db14010 **Package : 10μL 20μL 50μL 100μL**

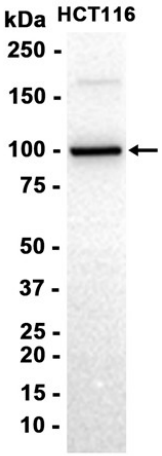
Product Name : Phospho-Nrf2 (Ser40) (DGR11634) Rabbit mAb
Cat.No.: db14010
Synonyms : NRF2; HEBP1
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human
Host species : Rabbit

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

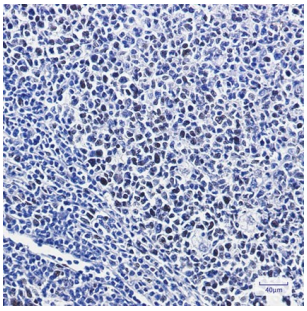
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



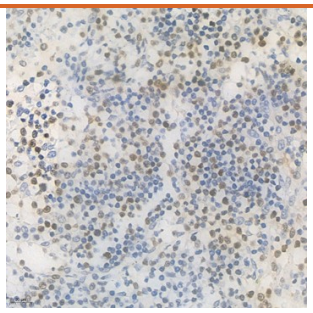
Western blot analysis of extracts from K562 and HeLa cells using db14010 at 1:1000.



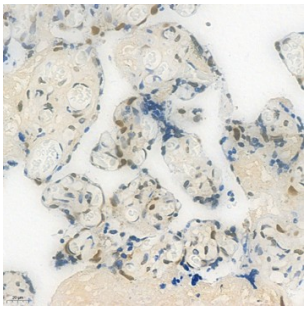
Western blot analysis of extracts from HCT116 cells using db14010 at 1:2000.



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



Immunohistochemical analysis of paraffin-embedded human lymph node carcinoma tissue labeling Phospho-Nrf2 with db14010. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human placental tissue labeling Phospho-Nrf2 with db14010. Counter stained with Hematoxylin.