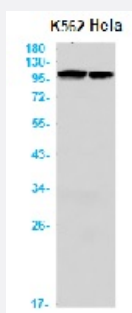


RecomAb™

NFE2L2 recombinant monoclonal antibody, clone R03-7C4

Catalog # RAB01674 Size 100 uL

Applications



Western Blot

Western blot analysis of Phospho-Nrf2 (Ser40) in K562, HeLa lysates using human Phospho-Nrf2 (Ser40) recombinant monoclonal antibody, clone R03-7C4 (Cat # RAB01674).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic phosphopeptide corresponding to residues surrounding Ser40 of human Nrf2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Ser40 of human Nrf2
Theoretical MW (kDa)	Calculated MW: 68 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1,000) The optimal working dilution should be determined by the end user.

Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Phospho-Nrf2 (Ser40) in K562, Hela lysates using human Phospho-Nrf2 (Ser40) recombinant monoclonal antibody, clone R03-7C4 (Cat # RAB01674).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — NFE2L2

Entrez GeneID	4780
Protein Accession#	Q16236
Gene Name	NFE2L2
Gene Alias	NRF2
Gene Description	nuclear factor (erythroid-derived 2)-like 2
Omim ID	600492
Gene Ontology	Hyperlink
Gene Summary	NFE2 (MIM 601490), NFE2L1 (MIM 163260), and NFE2L2 comprise a family of human genes encoding basic leucine zipper (bZIP) transcription factors. They share highly conserved regions that are distinct from other bZIP families, such as JUN (MIM 165160) and FOS (MIM 164810), although remaining regions have diverged considerably from each other (Chan et al., 1995 [PubMed 7868116]).[supplied by OMIM]
Other Designations	NF-E2-related factor 2 OTTHUMP00000164988

Disease

- [Adenoma](#)

- [Alzheimer Disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cataract](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Disease Progression](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Parkinson Disease](#)
- [Peptic Ulcer](#)
- [Prenatal Exposure Delayed Effects](#)
- [Pulmonary Disease](#)
- [Pulmonary Embolism](#)
- [Respiratory Distress Syndrome](#)
- [Stomach Neoplasms](#)

- [Venous Thrombosis](#)
- [Vitiligo](#)