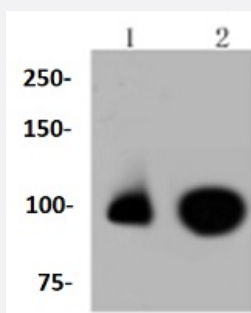


RecomAb™

NFE2L2 (phospho S40) recombinant monoclonal antibody

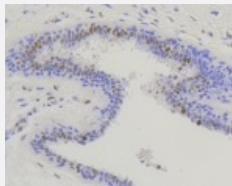
Catalog # RAB02747 Size 100 uL

Applications



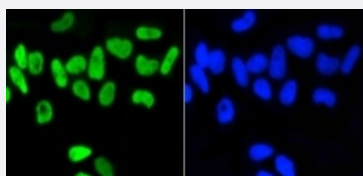
Western Blot (Cell lysate)

Western blot analysis of Lane1:HepG2 whole cell lysate Lane2:Raji whole cell lysate with NFE2L2 (phospho S40) recombinant monoclonal antibody (Cat # RAB02747) at 1:1000 dilution.



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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NFE2L2 (phospho S40) recombinant monoclonal antibody (Cat # RAB02747). Counter stained with hematoxylin.



Immunocytochemistry

Immunocytochemical staining of HeLa cells using NFE2L2 (phospho S40) recombinant monoclonal antibody (Cat # RAB02747)(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against NFE2L2.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant NFE2L2.
Theoretical MW (kDa)	68, 90
Reactivity	Human
Specificity	This antibody detects endogenous levels of Nrf2 only when phosphorylated at Ser40.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50-1:100) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.2 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane1:HepG2 whole cell lysate Lane2:Raji whole cell lysate with NFE2L2 (phospho S40) recombinant monoclonal antibody (Cat # RAB02747) at 1:1000 dilution.

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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NFE2L2 (phospho S40) recombinant monoclonal antibody (Cat # RAB02747). Counter stained with hematoxylin.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells using NFE2L2 (phospho S40) recombinant monoclonal antibody (Cat # RAB02747) (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

- Immunofluorescence
- Flow Cytometry

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](#)