

Datasheet for ABIN931118
anti-NRF2 antibody

2 Images



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Overview

Quantity:	100 µg
Target:	NRF2 (NFE2L2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NRF2 antibody is un-conjugated
Application:	Immunocytochemistry (ICC), Dot Blot (DB)

Product Details

Immunogen:	NFE2 L2 antibody was raised in mouse using recombinant Human Nuclear Factor (Erythroid-Derived 2)-Like 2
Clone:	437C2a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	NRF2 (NFE2L2)
Alternative Name:	NFE2L2 (NFE2L2 Products)

Target Details

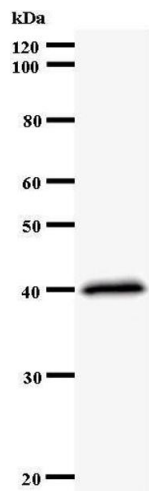
Background:	Nuclear factor (erythroid-derived 2)-like 2, also known as NFE2L2 or Nrf2, is a transcription factor that in humans is encoded by the NFE2L2 gene. Nrf2 is a master regulator of the antioxidant response. The antioxidant response is important for the amelioration of oxidative stress. Synonyms: Monoclonal NFE2L2 antibody, Anti-NFE2L2 antibody, Nuclear factor (erythroid -derived 2) like 2 antibody, NRF2 antibody.
Pathways:	ER-Nucleus Signaling , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	ICC: 2-100 µg/mL Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

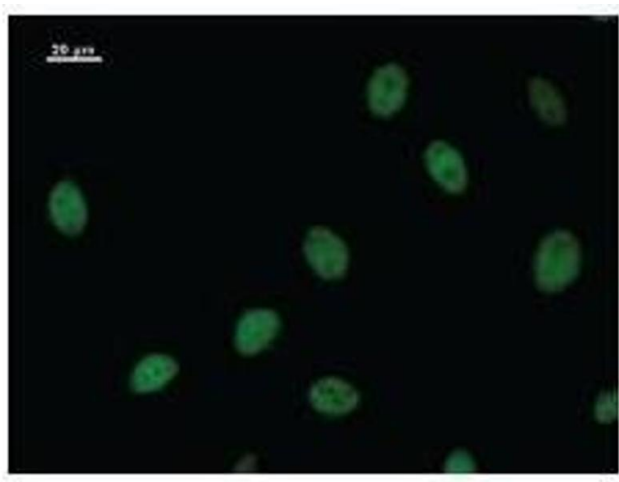
Handling

Concentration:	Lot specific
Buffer:	NFE2 L2 antibody in PBS (3.0 mM KCl, 1.5 mM KH ₂ PO ₄ , 140 mM NaCl, 8.0 mM Na ₂ HPO ₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN ₃).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.



Immunofluorescence

Image 2. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-NFE2L2 antibody.