

NRF2 Monoclonal Antibody

CAB21176

Description

This NRF2 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB21176
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	NRF2, HEBP1, Nrf-2, IMDDHH
Clone:	ARC50393
Applications:	WB ChIP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	4780
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	97-100kDa
Calculated MW:	68kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

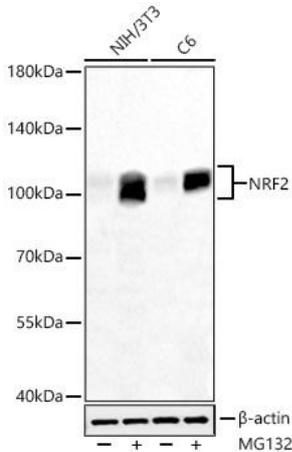
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa treated with MG132, NIH/3T3 treated with MG132, C6 treated with MG132

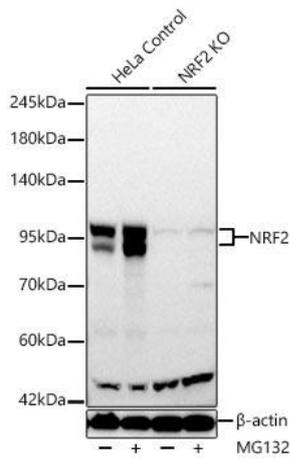
Recommended Dilutions:	WB	1:1000 - 1:4000 ChIP 3µg antibody for 5µg-10µg of Chromatin
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using [KO Validated] Rabbit mAb (CAB21176) at 1:1000 dilution incubated overnight at 4°C. NIH/3T3 and cells were treated with (50 µM) at 37°C for 90 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45s.



Western blot analysis of lysates from wild type (WT) and knockout (KO) HeLa cells using [KO Validated] Rabbit mAb (CAB21176) at 1:1000 dilution incubated overnight at 4°C. HeLa cells were treated with (50 µM) at 37°C for 90 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.