NCF4 Monoclonal Antibody

CAB0935

Description

This NCF4 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:	CAB0935
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	NCF, CGD3, P40PHOX, SH3PXD4, NCF4/p40-phox
Clone:	ARC2553
Applications:	WB IHC-P IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	4689
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	40kDa
Calculated MW:	39kDa

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.

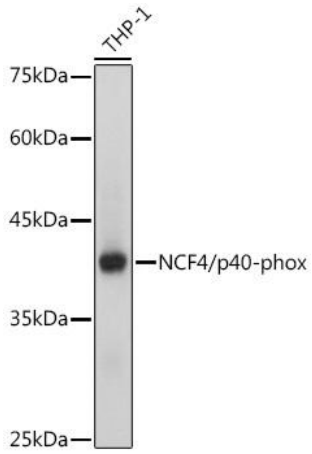
Positive Sample: THP-1

Recommended Dilutions:

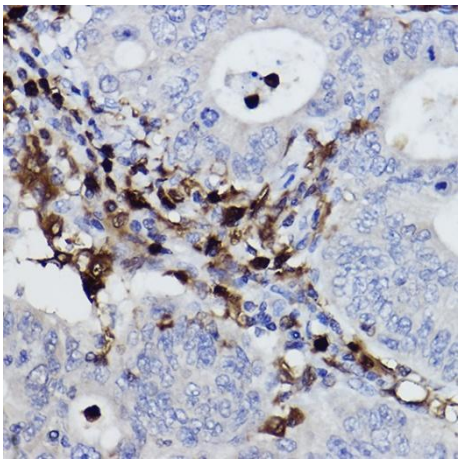
WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 lysates from THP-1 cells, using /p40-phox Rabbit mAb (CAB0935) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using /p40-phox Rabbit mAb (CAB0935) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.