ESE1/ELF3 Monoclonal Antibody

CAB5236

Description

This ESE1/ELF3 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:	CAB5236
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	ERT, ESX, EPR-1, ESE-1, ESE1/ELF3
Clone:	ARC1191
Applications:	WB ChIP ELISA CUT&Tag
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	1999
Uniprot:	AB_2863496
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	42kDa
Calculated MW:	41kDa

Preparation & Storage

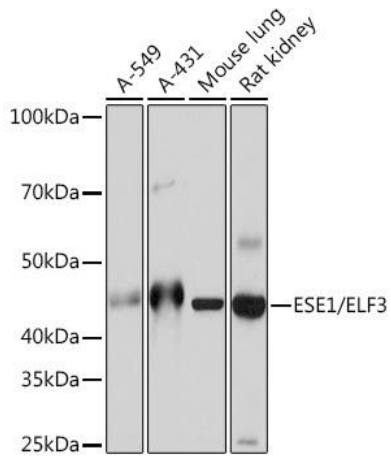
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Positive Sample:	A549, A-431, Mouse lung, Rat kidney

Recommended Dilutions:

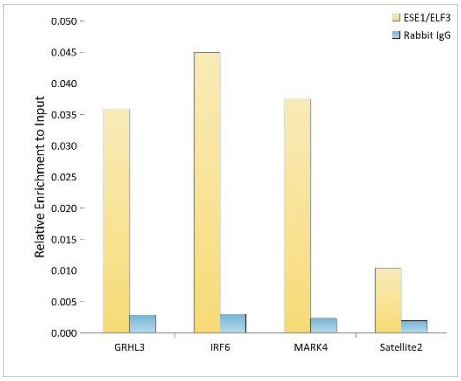
WB	1:1000 - 1:6000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. ChIP 5µg antibody for 10µg-15µg of Chromatin CUT&Tag 10^5 cells /1 µg

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 / Rabbit mAb (CAB5236) 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: 10s.



Chromatin immunoprecipitation analysis of extracts of Hep cells, using / antibody (CAB5236) and rabbit IgG.The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.