
Product Name: KEAP1 Mouse Monoclonal Antibody**Catalog #: AMM81195**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA,FC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:20-1:50,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	69.7kDa

Antigen Information

Gene Name	KEAP1
Alternative Names	INrf2; KLHL19
Gene ID	9817.0
SwissProt ID	Q14145
Immunogen	Purified recombinant fragment of human KEAP1 (AA: 380-624) expressed in E. Coli.

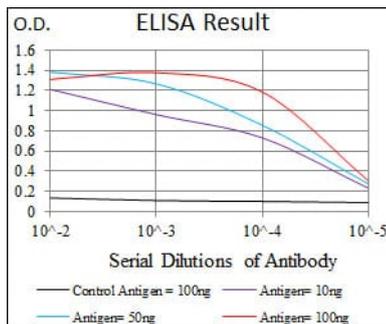
Background

This gene encodes a protein containing KELCH-1 like domains, as well as a BTB/POZ domain. Kelch-like ECH-associated protein 1 interacts with NF-E2-related factor 2 in a redox-sensitive manner and the dissociation of the proteins in the cytoplasm is followed by transportation of NF-E2-related factor 2 to the nucleus. This interaction results in the expression of the catalytic

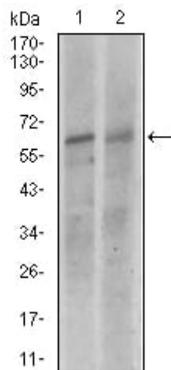
subunit of gamma-glutamylcysteine synthetase. Two alternatively spliced transcript variants encoding the same isoform have been found for this gene.

Research Area

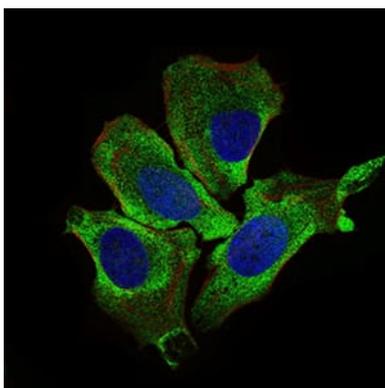
Image Data



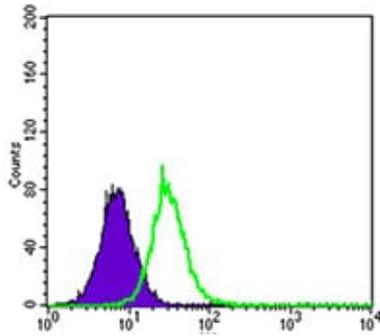
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using KEAP1 mouse mAb against NIH3T3 (1), and A549 (2) cell lysate.



Immunofluorescence analysis of HeLa cells using KEAP1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HepG2 cells using KEAP1 mouse mAb (green) and negative control (purple).