

Summary

Production Name	KEAP1 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,FC,ELISA
Reactivity	Human,Mouse,Rat,Rabbit,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

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

Application

Dilution Ratio	IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	69.7kDa

Background

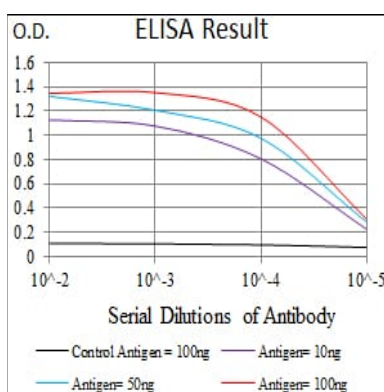
Product Name: KEAP1 Mouse Monoclonal Antibody
Catalog #: AMM81199



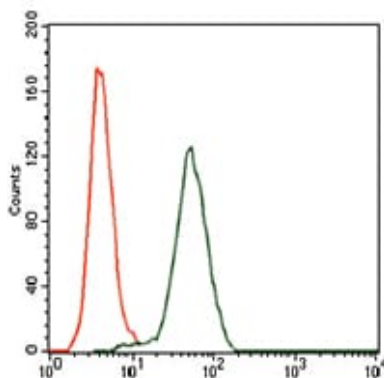
This gene encodes a protein containing KELCH-1 like domains, as well as a BTB/POZ domain. Kelch-like ECH-associated protein 1 interacts with NF-E2-related factor 2 in a redox-sensitive manner and the dissociation of the proteins in the cytoplasm is followed by transportation of NF-E2-related factor 2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

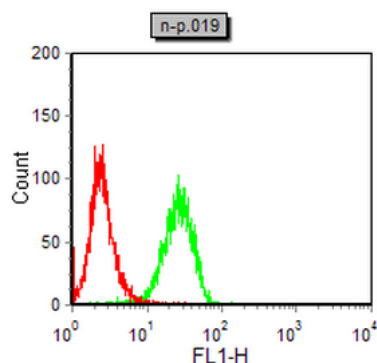


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

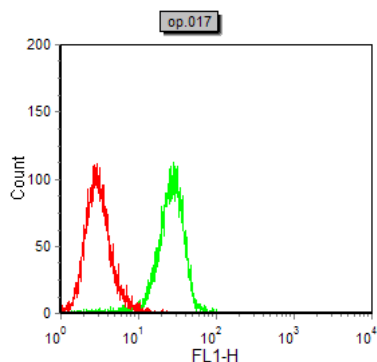


Flow cytometric analysis of HeLa cells using KEAP1 mouse mAb (green) and negative control (red).

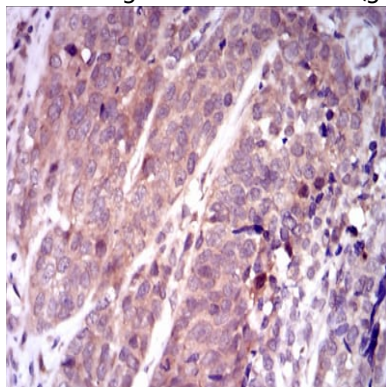
Product Name: KEAP1 Mouse Monoclonal Antibody
Catalog #: AMM81199



Flow cytometric analysis of NIH/3T3 cells using KEAP1 mouse mAb (green) and negative control (red).

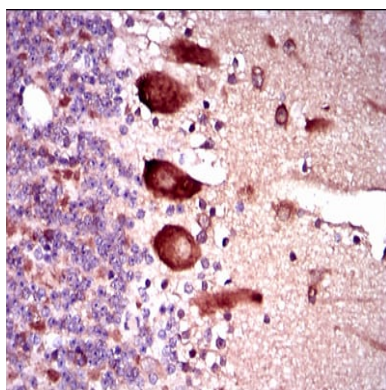


Flow cytometric analysis of COS7 cells using KEAP1 mouse mAb (green) and negative control (red).

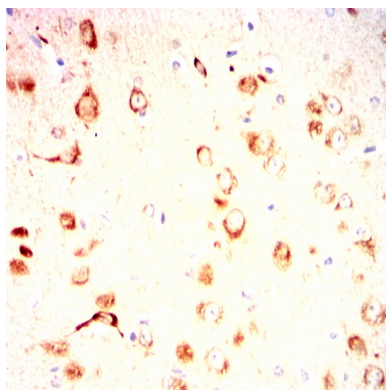


Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using KEAP1 mouse mAb with DAB staining.

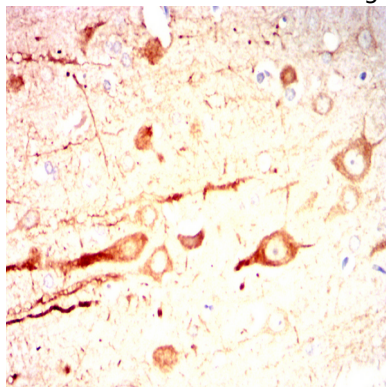
Product Name: KEAP1 Mouse Monoclonal Antibody
Catalog #: AMM81199



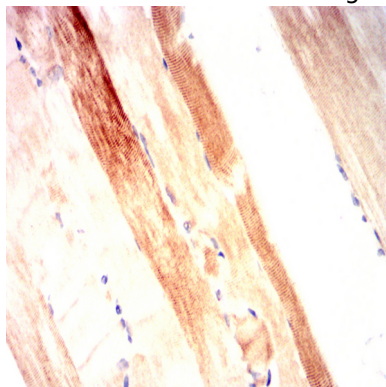
Immunohistochemical analysis of paraffin-embedded human cerebellum tissues using KEAP1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Mouse brain using KEAP1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat brain using KEAP1 mouse mAb with DAB staining.



Product Name: KEAP1 Mouse Monoclonal Antibody
Catalog #: AMM81199



Immunohistochemical analysis of paraffin-embedded Rat muscle using KEAP1 mouse mAb with DAB staining.

Note

For research use only.