

Mouse anti-Human,Mouse KEAP1 Monoclonal Antibody | anti-KEAP1 antibody

KEAP1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268536	Mouse	Human,Mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

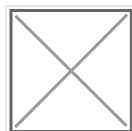
PRODUCT SYNONYMS

KEAP1; Monoclonal Antibody; KEAP1 Mouse mAb; INrf2; KLHL19; anti-KEAP1 antibody

PRODUCT SPECIFICATIONS

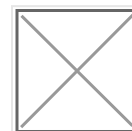
Host	Mouse
Reactivity	Human,Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1F5-10D3-10G4
Purity/Purification	Ascitic Fluid
Form/Format	Liquid; Ascitic fluid containing 0.03% sodium azide.
Applicable Applications for anti-KEAP1 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody
Immunogen	Purified recombinant fragment of human KEAP1 expressed in E. Coli.
Conjugation	Unconjugated
Modification	Unmodified
Preparation and Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

IMAGES



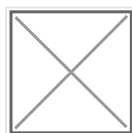
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin embedded Carcinoma of Human pancreas tissue using KEAP1 antibody. High-pressure and temperature Tris-EDTA pH 8.5 was used for antigen retrieval.



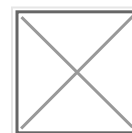
WB (Western Blot)

Western blot analysis of Keap1 in HeLa(WT) and KEAP1-Knockout HeLa(KO) using Keap1 antibody.



FCM/FACS (Flow Cytometry)

Flow Cytometry analysis of HepG2 cells stained with KEAP1 antibody (green) and negative control (purple).



IF (Immunofluorescence)

Immunofluorescence analysis of Keap1 in HeLa cells using Keap1 (1F5-10D3-10G4) antibody (green).Blue: DRAQ5 fluorescent DNA dye.Red: Actin filaments have been labeled with Alexa Fluor555 phalloidin.

ADDITIONAL INFORMATION

Related Product Information for anti-KEAP1 antibody	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. [provided by RefSeq, Jul 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	146345444
NCBI GeneID	9817
UniProt Accession #	Q14145
Molecular Weight	Calculated MW: 70 kDa; Observed MW: 70 kDa
NCBI Official Full Name	Kelch-like ECH-associated protein 1
NCBI Official Synonym Full Names	kelch like ECH associated protein 1
NCBI Official Symbol	KEAP1
NCBI Official Synonym Symbols	INrf2; KLHL19
NCBI Protein Information	kelch-like ECH-associated protein 1
UniProt Protein Name	Kelch-like ECH-associated protein 1
UniProt Gene Name	KEAP1
UniProt Synonym Gene Names	INRF2; KIAA0132; KLHL19; INrf2
UniProt Entry Name	KEAP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/keap1-antibody-clone-1f5-10d3-10g4-immunohistochemistry-flow-cytometry-immunocytochemistry-western-blot-elisa/268536>