

Mouse KEAP1 Monoclonal Antibody | anti-KEAP1 antibody

KEAP1 antibody

CATALOG # AAA107403	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry
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PRODUCT SYNONYMS

KEAP1; Monoclonal Antibody; KEAP1 antibody; Monoclonal KEAP1; Anti-KEAP1; INrf2; KIAA0132; KLHL19; MGC10630; MGC1114; MGC20887; MGC4407; MGC9454; KEAP 1; KEAP-1; anti-KEAP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B4
Purity/Purification	KEAP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	624
Applicable Applications for anti-KEAP1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Biological Significance	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.
Cross-Reactivity	Human, Mouse
Immunogen	KEAP1 antibody was raised in Mouse using full length human recombinant protein of human KEAP1 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of KEAP1 protein in paraffin embedded Adenocarcinoma of Human endometrium tissue using KEAP1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant KEAP1 protein (Right) or empty vector (Left) detected with KEAP1 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant KEAP1 protein (red) or empty vector (blue) stained using KEAP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-KEAP1 antibody	Mouse monoclonal KEAP1 antibody
Product Categories/Family for anti-KEAP1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	45269145
NCBI GeneID	9817
NCBI Accession #	NP_987096.1
NCBI GenBank Nucleotide #	NM_203500.1
UniProt Accession #	Q14145; Q6LEP0; Q8WTX1; Q9BPY9; B3KPD5
Molecular Weight	69,666 Da
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-1b4-western-blot-flow-cytometry-immunohistochemistry-elisa/107403>