

## Product datasheet for **TA502059M**

### KEAP1 Mouse Monoclonal Antibody [Clone ID: OTI1B4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1B4
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:500~2000, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human KEAP1(NP_987096) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	69.5 kDa
Gene Name:	kelch like ECH associated protein 1
Database Link:	<a href="#">NP_987096</a> <a href="#">Entrez Gene 50868 Mouse</a> <a href="#">Entrez Gene 117519 Rat</a> <a href="#">Entrez Gene 9817 Human</a> <a href="#">Q14145</a>
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. [provided by RefSeq]


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**Synonyms:** INrf2; KLHL19

**Protein Families:** Transcription Factors

**Protein Pathways:** Ubiquitin mediated proteolysis

### Product images:

