

## Mouse Monoclonal Antibody to KEAP1

<b>Catalogue Number</b>	sAP-0778
<b>Target Molecule</b>	<p><b>Name: KEAP1</b></p> <p><b>Aliases:</b> INrf2; KLHL19</p> <p><b>MW: 69.7kDa</b></p> <p><b>Entrez Gene ID: 9817</b></p>
<b>Description</b>	<p>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. ; ; ; ; ; ;</p>
<b>Immunogen</b>	Purified recombinant fragment of human KEAP1 (AA: 380-624) expressed in E. Coli.
<b>Reactive Species</b>	Human; Mouse;
<b>Clone</b>	MM1F10B6;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 50; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Cell Signal. 2010 Nov;22(11):1645-54. ; 2.Mol Cancer Ther. 2010 Feb;9(2):336-46. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**