

Mouse Monoclonal Antibody to KEAP1

Catalogue Number	sAP-0782
Target Molecule	Name: KEAP1 Aliases: INrf2; KLHL19 MW: 69.7kDa Entrez Gene ID: 9817
Description	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. ; ;
Immunogen	Purified recombinant fragment of human KEAP1 (AA: 380-624) expressed in E. Coli.
Reactive Species	Human;
Clone	MM7G4B10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Epigenetics. 2011 Mar;6(3):317-25. ; 2.Cell Death Differ. 2011 Mar;18(3):439-51. ;

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**