

Cat. No. AK19798

Package 100 µl

Storage PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Product overview

Description Anti-KEAP1 mouse monoclonal antibody

Applications WB, IHC, FC

Immunogen Fusion protein of human KEAP1

Reactivity Human, Mouse

Content 1 mg/ml

Host species Mouse

Ig class IgG1

Purification Purified from mouse ascites fluids by affinity chromatography

Target information

Symbol KEAP1

Full name kelch like ECH associated protein 1

Synonyms Nrf2; KLHL19

Swissprot Q14145

Target 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, Jul 2008]