



HERP Mouse mAb

Catalog No	YP-mAb-18926
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HERPUD1 HERP KIAA0025 MIF1
Immunogen	Synthesized peptide derived from human HERP
Specificity	This antibody detects endogenous levels of HERP at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HERP;HERP1_HUMAN;HERPUD1;Homocysteine inducible endoplasmic reticulum stress inducible ubiquitin like domain member 1;Homocysteine inducible endoplasmic reticulum stress inducible ubiquitin like domain member 1 protein;Homocysteine responsive endoplasmic reticulum resident ubiquitin like domain member 1;Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein;KIAA25;Methyl methanesulfonate (MMF) inducible fragment protein 1;Methyl methanesulfonate (MMF)-inducible fragment protein 1;MIF1;MMS inducible;SUP;HERPUD1 HERP KIAA0025 MIF1; Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein (Methyl methanesulfonate (MMF)-inducible fragment protein 1)
Observed Band	
Calculated Molecular Weight	52 kDa; 44kD(Calculated).
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Widely expressed; in the brain, expression seems to be restricted to neurons and vascular smooth muscle cells. Present in activated microglia in senile plaques in the brain of patients with Alzheimer disease.

**Function**

Component of the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins . Could enhance presenilin-mediated amyloid-beta protein 40 generation. Binds to ubiquilins and this interaction is required for efficient degradation of CD3D via the ERAD pathway .

Background**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images