NF2L1 Monoclonal Antibody

Catalog No	YP-mAb-05860
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	NFE2L1 HBZ17 NRF1 TCF11
Protein Name	Nuclear factor erythroid 2-related factor 1 (NF-E2-related factor 1) (NFE2-related factor 1) (Locus control region-factor 1) (Nuclear factor, erythroid derived 2, like 1) (Transcription factor 11) (TC
Immunogen	Synthesized peptide derived from human protein . at AA range: 90-170
Specificity	NF2L1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	84kD
Cell Pathway	[Endoplasmic reticulum membrane sensor NFE2L1]: Endoplasmic reticulum membrane ; Single-pass type II membrane protein . Endoplasmic reticulum membrane ; Single-pass type III membrane protein . In normal conditions, probably has a single-pass type II membrane protein topology, with the DNA-binding domain facing the endoplasmic reticulum lumen (PubMed:24448410). Following cellular stress, it is rapidly and efficiently retrotranslocated to the cytosolic side of the membrane, a process dependent on p97/VCP, to have a single-pass type III membrane protein topology with the major part of the protein facing the cytosol (PubMed:24448410). Retrotranslocated proteins are normally rapidly degraded by the proteasome and active species do not accumulate (PubMed:24448410). However, retrotranslocated pro
Tissue Specificity	Eye,Spleen,
Function	function:Activates erythroid-specific, globin gene expression.,similarity:Belongs to the bZIP family.,similarity:Belongs to the bZIP family. CNC subfamily.,similarity:Contains 1 bZIP domain.,
Background	This gene encodes a protein that is involved in globin gene expression in erythrocytes. Confusion has occurred in bibliographic databases due to the

	shared symbol of NRF1 for this gene, NFE2L1, and for "nuclear respiratory factor 1" which has an official symbol of NRF1. [provided by RefSeq, Jul 2008],
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.

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