

Product Name: KD-Validated TIMM50 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00721**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 39.6kDa

Antigen Information

Gene Name	TIMM50 TIMM50; Translocase Of Inner Mitochondrial Membrane 50; TIM50; TIM50L; Mitochondrial
Alternative Names	Import Inner Membrane Translocase Subunit TIM50; Translocase Of Inner Mitochondrial Membrane 50 Homolog (Yeast); Homolog Of Yeast Tim50; Tim50-Like Protein; MGCA9
Gene ID	92609.0
SwissProt ID	Q3ZCQ8
Immunogen	A synthesized peptide derived from human TIM50

Background

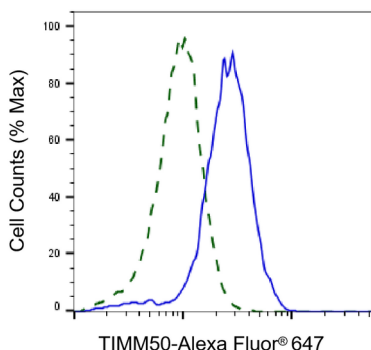
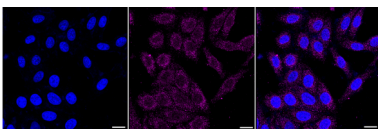
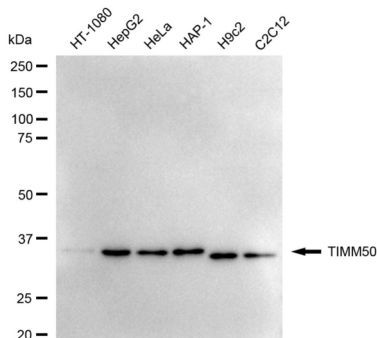
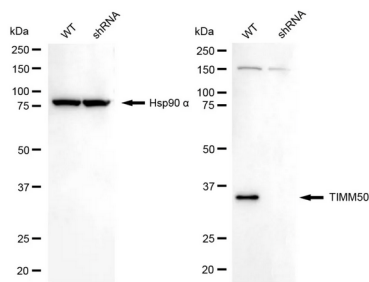
This gene encodes a subunit of the TIM23 inner mitochondrial membrane translocase complex. The encoded protein functions as the receptor subunit that recognizes the mitochondrial targeting signal, or presequence, on protein cargo that is destined

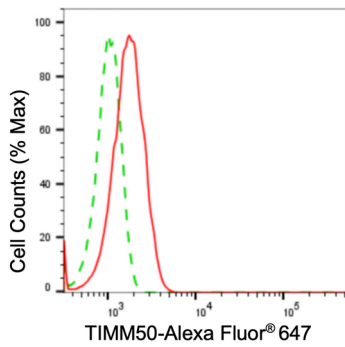
for the mitochondrial inner membrane and matrix. This protein may also play a role in maintaining the membrane permeability barrier, and knockdown of this gene in human cells results in the release of cytochrome c and apoptosis. [provided by RefSeq, Jul 2016]

Research Area

Signal Transduction, Metabolism

Image Data





Flow cytometric analysis of TIMM50 expression in HepG2 cells using TIMM50 antibody (KVA00721, 1:2,000). Green, isotype control; red, TIMM50.