

Anti-TIM44 Rabbit Monoclonal Antibody

Catalog # ABO16534

Product Information

Application	WB, IF, ICC, IP, FC
Primary Accession	O43615
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-TIM44 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Rat.

Additional Information

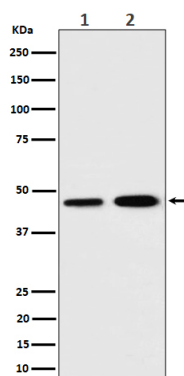
Gene ID	10469
Other Names	Mitochondrial import inner membrane translocase subunit TIM44, TIMM44, MIMT44, TIM44
Calculated MW	51356
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 30T70 A synthesized peptide derived from human TIM44
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	TIMM44
Synonyms	MIMT44, TIM44

Function	Essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner (By similarity). Recruits mitochondrial HSP70 to drive protein translocation into the matrix using ATP as an energy source (By similarity).
Cellular Location	Mitochondrion inner membrane; Peripheral membrane protein; Matrix side. Mitochondrion matrix

Images



Western blot analysis of TIM44 expression in (1) K562 cell lysate; (2) C6 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.