



TCIRG1 Mouse mAb

Catalog No	YP-mAb-18655
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	
Immunogen	Recombinant fusion protein containing a sequence corresponding to aminoacids 1-356 of human TCIRG1(NP_006010.2).
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	a3;Stv1;Vph1;Atp6i;OC116;OPTB1;TIRC7;ATP6N1C;ATP6V0A3;OC-116kDa;TCIRG1
Observed Band	110 kDa
Calculated Molecular Weight	93 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	This gene encodes a subunit of a large protein complex known as a vacuolar H ⁺ -ATPase (V ATPase). The protein complex acts as a pump to move protons across the membrane. This movement of protons helps regulate the pH of cells and their surrounding environment. V ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. V-ATPase is comprised of a cytosolic V1 domain and a transmembrane V0 domain. Alternative splicing results in multiple transcript variants. Mutations in this gene are associated with infantile malignant osteopetrosis.

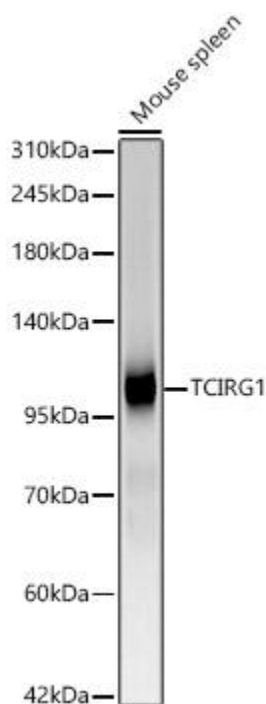
**matters needing attention**

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



Western blot analysis of lysates from Mouse spleen, using TCIRG1 Mouse mAb (A24945) at 1:4000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.