





CV032 mouse mAb

Catalog No	YP-mAb-09905
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	C22orf32
Protein Name	UPF0466 protein C22orf32, mitochondrial
Immunogen	Synthesized peptide derived from human CV032 AA range: 9-59
Specificity	This antibody detects endogenous levels of human CV032
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Synonyms Observed Band	
•	Mitochondrion inner membrane; Single-pass membrane protein. MAIP1 is required to assist sorting of EMRE/SMDT1 into mitochondrion by protecting EMRE/SMDT1 against protein degradation by YME1L1, thereby ensuring SMDT1/EMRE maturation by the mitochondrial processing peptidase (PMPCA and PMPCB) (PubMed:27642048).
Observed Band	required to assist sorting of EMRE/SMDT1 into mitochondrion by protecting EMRE/SMDT1 against protein degradation by YME1L1, thereby ensuring SMDT1/EMRE maturation by the mitochondrial processing peptidase (PMPCA
Observed Band Cell Pathway	required to assist sorting of EMRE/SMDT1 into mitochondrion by protecting EMRE/SMDT1 against protein degradation by YME1L1, thereby ensuring SMDT1/EMRE maturation by the mitochondrial processing peptidase (PMPCA
Observed Band Cell Pathway Tissue Specificity	required to assist sorting of EMRE/SMDT1 into mitochondrion by protecting EMRE/SMDT1 against protein degradation by YME1L1, thereby ensuring SMDT1/EMRE maturation by the mitochondrial processing peptidase (PMPCA
Observed Band Cell Pathway Tissue Specificity Function	required to assist sorting of EMRE/SMDT1 into mitochondrion by protecting EMRE/SMDT1 against protein degradation by YME1L1, thereby ensuring SMDT1/EMRE maturation by the mitochondrial processing peptidase (PMPCA
Observed Band Cell Pathway Tissue Specificity Function Background matters needing	required to assist sorting of EMRE/SMDT1 into mitochondrion by protecting EMRE/SMDT1 against protein degradation by YME1L1, thereby ensuring SMDT1/EMRE maturation by the mitochondrial processing peptidase (PMPCA and PMPCB) (PubMed:27642048)



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