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Overview	
Quantity:	400 μL
Target:	MCART2 (SLC25A52)
Binding Specificity:	AA 46-75, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCART2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This MCART2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-75 amino acids from the N-terminal region of human MCART2.
Clone:	RB28424
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	MCART2 (SLC25A52)
Alternative Name:	MCART2 (SLC25A52 Products)
Background:	This gene is similar to the mitochondrial carrier triple repeat 1 gene on chromosome 9. The

## **Target Details**

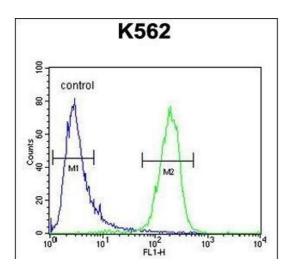
	gene is intronless and may be an evolving pseudogene, however, it is transcribed and it contains a full-length coding region so it is currently classified as a protein-coding locus.
Molecular Weight:	33721
Gene ID:	147407
NCBI Accession:	NP_001029344
UniProt:	Q3SY17

## **Application Details**

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

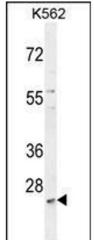
# Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### **Flow Cytometry**

**Image 1.** MCART2 Antibody (N-term) (ABIN654844 and ABIN2844510) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### **Western Blotting**

**Image 2.** MCART2 Antibody (N-term) (ABIN654844 and ABIN2844510) western blot analysis in K562 cell line lysates (35  $\mu$ g/lane). This demonstrates the MCART2 antibody detected the MCART2 protein (arrow).