

For Research Use Only

# MARCH1 Recombinant antibody

Catalog Number: 85308-2-RR



## Basic Information

<b>Catalog Number:</b> 85308-2-RR	<b>GenBank Accession Number:</b> BC153124	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55016	<b>CloneNo.:</b> 242143G10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TCQ1	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> membrane-associated ring finger (C3HC4) 1	
<b>Immunogen Catalog Number:</b> AG20231	<b>Calculated MW:</b> 289 aa, 32 kDa	
	<b>Observed MW:</b> 31-35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> mouse brain tissue, Daudi cells, rat brain tissue, human skeletal muscle tissue

## Background Information

MARCH1 is mainly found in secondary lymphoid organs, more specifically in the endocytic pathway of dendritic cells (DCs) and B cells (11-15). MARCH1 reduces the half-life of peptide/MHC II complexes by causing their redistribution from recycling endosomes to lysosomes. MARCH1 homodimerizes and also forms heterodimers with others family members (PMID: 22508929).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

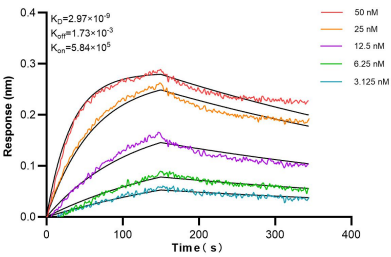
Selected Validation Data



Daudi cells were subjected to SDS PAGE followed by western blot with 85308-2-RR (MARCH1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 85308-2-RR (MARCH1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85308-2-RR against Human MARCH1 were performed. The affinity constant is 29.7 nM.