

For Research Use Only

# ABCA13 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83060-1-PBS



## Basic Information

<b>Catalog Number:</b> 83060-1-PBS	<b>GenBank Accession Number:</b> NM_152701	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 154664	<b>CloneNo.:</b> 230288F5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86UQ4	
<b>Isotype:</b> IgG	<b>Full Name:</b> ATP-binding cassette, sub-family A (ABC1), member 13	
	<b>Calculated MW:</b> 576 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

83060-1-PBS targets ABCA13 as part of a matched antibody pair:

MP00084-1: 83060-1-PBS capture and 83060-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Background Information

ABCA13 belongs to the ABC transporter superfamily. ABCA13 is a transmembrane protein with the typical structure of ABC proteins: two transmembrane domains and two nucleotide-binding domains. ABCA13 may mediate the cholesterol and gangliosides transport from the plasma membrane to intracellular vesicles in an ATP hydrolysis-dependent manner, thus playing a role in their internalization by endocytic retrograde transport (PMID: 33478937). ABCA13 is expressed in the human trachea, testis, and bone marrow (PMID: 12697998).

## Storage

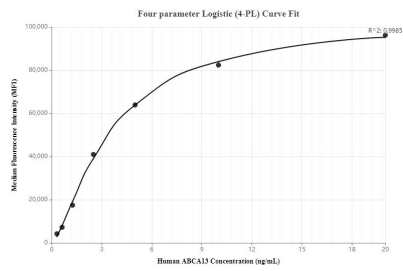
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
100% PBS pH 7.3

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

# Selected Validation Data



Cytometric bead array standard curve of MP00084-1, ABCA13 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83060-1-PBS. Detection antibody: 83060-2-PBS. Standard: SY00509. Range: 0.312-20 ng/mL.