

For Research Use Only

ABCA3 Recombinant antibody, PBS Only



Catalog Number: 83018-1-PBS

Basic Information

Catalog Number: 83018-1-PBS	GenBank Accession Number: BC140895	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 21	CloneNo.: 230194C12
Source: Rabbit	UNIPROT ID: Q99758	
Isotype: IgG	Full Name: ATP-binding cassette, sub-family A (ABC1), member 3	
Immunogen Catalog Number: AG24749		

Applications

Tested Applications:
Indirect ELISA

Species Specificity:
human

Background Information

ABCA3 belongs to the ATP-binding cassette (ABC) transporter superfamily. ABCA3, which is expressed in alveolar type II pneumocytes and localizes predominantly to the limiting membrane of lamellar bodies, is critical for synthesis of surfactant (PMID: 17267394). Mutation of the ABCA3 gene causes fatal surfactant deficiency in newborns (PMID: 15044640).

Storage

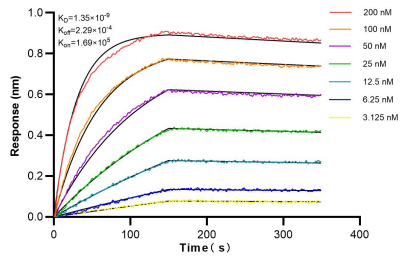
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
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Selected Validation Data



Biolayer interferometry (BLI) kinetic assays of 83018-1-RR against Human ABCA3 were performed. The affinity constant is 1.35 nM.