

For Research Use Only

ABCA3 Recombinant antibody, PBS Only



Catalog Number: 83018-1-PBS

Basic Information

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|---|--|---|
| Catalog Number: 83018-1-PBS | GenBank Accession Number: BC140895 | Purification Method: Protein A purification |
| Size: 1mg/ml | 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

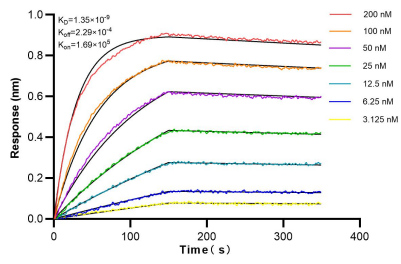
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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