

RayBiotech, Inc.

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Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
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Website: www.raybiotech.com
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Certificate of Analysis and Data Sheet

Rat Anti-Mouse ABCA7

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-03693

Target Species
Mouse

Isotype
IgG2a

Preparation

Purified IgG prepared by affinity chromatography on Protein G
Immunogen: ABCA7 transfected HeLa cells

Formulation

Product Form: Purified IgG - liquid
Product Type: Monoclonal Antibody
Buffer Solution: Borate buffered saline
Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)
Approx. Protein Concentrations: IgG concentration 1.0mg/ml

Specificity

DS-MB-03693 recognizes murine adenosine triphosphate (ATP) Binding cassette transporter 7 (ABCA7). The ABC transporters are a large family of conserved proteins that transport a wide variety of molecules across cellular membranes. ABCA7 is a member of the ABC-A sub-family, which is predominantly expressed in the thymus and in other immune and haematopoietic tissues. The exact physiological function of ABCA7 is unknown, although the molecule shows the highest homology to ABCA1 and may play a similar role in lipid homeostasis.

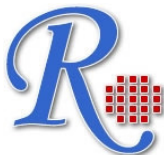
Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry (1)	•			Neat - 1/10
ELISA			•	
Western Blotting			•	

Note: Other applications have not been tested. Optimal dilutions should be determined.

(1) Use 10ul of the suggested working dilution to label 10^6 cells in 100ul. Method sheets are available on request.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Secondary Antibody Applications

<div>Options</div> <div>Functions</div>	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

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