



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti Human C4d With HRP-Conjugated Second Antibody

Catalog No.
DS-PB-00324

Target Species
Human

Isotype
IgG

Preparation

Immunogen: Synthetic peptide corresponding to amino acids 1241-1256 of C4 conjugated to Keyhole limpet Haemocyanin.

Purification: Purified Ig prepared by affinity chromatography on Protein G

Formulation

Product Type: Polyclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentration: 0.2 mg/ml

Specificity

DS-PB-00324 is specific for human complement split product C4d.

Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
IHC - Frozen	.			1/20 - 1/80
IHC - Paraffin	.			1/20 - 1/80
Immunofluorescence	.			1/20 - 1/80

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

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



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Secondary Antibody Applications

Options / Functions	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

References

1. Regele, H. *et al.* (2001) Endothelial C4d deposition is associated with inferior kidney allograft outcome independently of cellular rejection. *Nephrol. Dial. Transplant* 16: 2058-2066.

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