



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti-Human CD45

Catalog No.
129-10157

Target Species
Human

Isotype
Polyclonal IgG

Preparation

Synonyms: CD45, LCA

Immunogen: A synthetic peptide corresponding to an internal domain of human CD45 – conjugated to KLH.

Antiserum Preparation: Antisera to Human CD45 were raised by repeated immunisation of Rabbits with highly purified antigen. Purified IgG prepared from whole serum by affinity chromatography.

Specificity

129-10157 recognizes human CD45, also known as leukocyte common antigen (LCA). CD45 expressed on all cells of haematopoietic origin except for erythrocytes.

Histology Positive Control: Human spleen

Formulation

Product Type: Polyclonal Antibody

Product Form: Purified IgG - liquid

Approx. Protein Concentration: IgG concentration 1.0mg/ml

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.01% Sodium Azide (NaN₃).

Applications

Options	YES	NO	Not determined	Recommended Work dilution or concentration
Functions				
Immunohistology - Paraffin*	•			2.5 – 5 ug/ml

Note: Other applications are not tested yet. Optimal dilutions should be determined

*This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

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



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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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