

RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Mouse Anti-Pig CD45 Allotypic Variant

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-03497

Target Species
Pig

Isotype
IgG2a

Preparation

Purified IgG prepared by ion exchange chromatography

Immunogen: Porcine PBL

Fusion Partners: Spleen cells from immunized BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.

Specificity

DS-MB-03497 recognizes an allotypic determinant of porcine CD45. The antibody has been shown to recognize pigs of strains Large White and German Landrace.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified Ig - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Storage

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

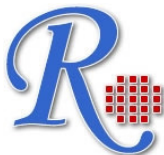
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

References

1. Binns, R.M. *et al.* (1995) Genetically determined CD45 variant of value in leucocyte tracing *in vivo* in the pig. *Immunology* 86: 25-33.

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



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry	•			
Immunohistology - Frozen	•			1/10
Immunohistology – Paraffin (1)	•			1/10
Immunohistology – Resin (2)	•			1/10
Immunoprecipitation	•			
Elisa			•	

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

(1) This product does not require antigen retrieval prior to staining paraffin sections.

(2) This product requires antigen retrieval using heat treatment of resin sections.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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